Contractor's Report to the Board

Evaluation of Health Effects of Recycled Waste Tires in Playground and Track Products

(Publication #622-06-013)

Produced under contract by:

OEHHA
Office of Environmental Health Hazard Assessment

January 2007

Appendix B:
Wipe Sampling Raw Data

INTEGRATED
WASTE
MANAGEMENT
BOARD

Sequoia Analytical

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30 June, 2005

Myrto Petreas
Dept. of Toxic Substances Contol-Berkeley
700 Heinz Avenue, Suite 100
Berkeley, CA 94710

RE: OEHHA Playground Study
Work Order: MOF0403

Enclosed are the results of analyses for samples received by the laboratory on 06/08/05 18:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Theresa Allen
Project Manager

CA ELAP Certificate #1210

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0403
700 Heinz Avenue, Suite 100	Project Number:SAU5634	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	06/30/05 13:37

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
A	MOF0403-01	Wipe	06/07/05 00:00	06/08/05 18:45
B	MOF0403-02	Wipe	06/07/05 00:00	06/08/05 18:45
C	MOF0403-03	Wipe	06/07/05 00:00	06/08/05 18:45
D	MOF0403-04	Wipe	06/07/05 00:00	06/08/05 18:45
E	MOF0403-05	Wipe	06/07/05 00:00	06/08/05 18:45
F	MOF0403-06	Wipe	06/07/05 00:00	06/08/05 18:45
G	MOF0403-07	Wipe	06/07/05 00:00	06/08/05 18:45
H	MOF0403-08	Wipe	06/07/05 00:00	06/08/05 18:45
I	MOF0403-09	Wipe	06/07/05 00:00	06/08/05 18:45
J	MOF0403-10	Wipe	06/07/05 00:00	06/08/05 18:45
K	MOF0403-11	Wipe	06/07/05 00:00	06/08/05 18:45
L	MOF0403-12	Wipe	06/07/05 00:00	06/08/05 18:45

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0403
700 Heinz Avenue, Suite 100	Project Number:SAU5634	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	06/30/05 13:37

Total Metals by EPA 6020 ICPMS

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
A (MOF0403-01) Wipe Sampled: 06/07/05 00:00 Received: 06/08/05 18:45									
Aluminum	**71**	2.0	ug/Wipe	20	5F22029	06/22/05	06/22/05	EPA 6020	
B (MOF0403-02) Wipe Sampled: 06/07/05 00:00 Received: 06/08/05 18:45									
Aluminum	**110**	2.0	ug/Wipe	20	5F22029	06/22/05	06/22/05	EPA 6020	
C (MOF0403-03) Wipe Sampled: 06/07/05 00:00 Received: 06/08/05 18:45									
Aluminum	**75**	2.0	ug/Wipe	20	5F22029	06/22/05	06/22/05	EPA 6020	

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700 Heinz Avenue, Suite 100	Project Number:SAU5634	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	06/30/05 13:37

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
A (MOF0403-01) Wipe Sampled: 06/07/05 00:00 Received: 06/08/05 18:45									
Calcium	**400**	12	ug/Wipe	1	5F22022	06/22/05	06/22/05	EPA 6010B	
Iron	**140**	5.0	"	"	"	"	"	"	
Potassium	ND	100	"	"	"	"	06/22/05	"	
Antimony	**2.8**	1.0	"	20	5F22029	"	06/22/05	EPA 6020	
Arsenic	ND	1.0	"	"	"	"	"	"	
Barium	ND	5.0	"	"	"	"	"	"	
Beryllium	ND	0.20	"	"	"	"	"	"	
Cadmium	ND	0.60	"	"	"	"	"	"	
Chromium	ND	10	"	"	"	"	"	"	
Cobalt	ND	2.0	"	"	"	"	"	"	
Copper	ND	5.0	"	"	"	"	"	"	
Lead	ND	5.0	"	"	"	"	"	"	
Molybdenum	ND	2.0	"	"	"	"	"	"	
Nickel	ND	8.0	"	"	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	"	"	
Silver	ND	1.0	"	"	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	"	"	
Vanadium	ND	2.0	"	"	"	"	"	"	
Zinc	ND	10	"	"	"	"	"	"	
Magnesium	**67**	2.5	"	1	5F22022	"	06/22/05	EPA 6010B	
B (MOF0403-02) Wipe Sampled: 06/07/05 00:00 Received: 06/08/05 18:45									
Calcium	**450**	12	ug/Wipe	1	5F22022	06/22/05	06/22/05	EPA 6010B	
Iron	**220**	5.0	"	"	"	"	"	"	
Potassium	**120**	100	"	"	"	"	"	"	
Antimony	**2.8**	1.0	"	20	5F22029	"	06/22/05	EPA 6020	
Arsenic	ND	1.0	"	"	"	"	"	"	
Barium	ND	5.0	"	"	"	"	"	"	
Beryllium	ND	0.20	"	"	"	"	"	"	
Cadmium	ND	0.60	"	"	"	"	"	"	
Chromium	ND	10	"	"	"	"	"	"	
Cobalt	ND	2.0	"	"	"	"	"	"	
Copper	ND	5.0	"	"	"	"	"	"	
Lead	ND	5.0	"	"	"	"	"	"	
Molybdenum	ND	2.0	"	"	"	"	"	"	
Nickel	ND	8.0	"	"	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	"	"	
Silver	ND	1.0	"	"	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	"	"	
Vanadium	ND	2.0	"	"	"	"	"	"	

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700 Heinz Avenue, Suite 100	Project Number:SAU5634	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	06/30/05 13:37

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B (MOF0403-02) Wipe Sampled: 06/07/05 00:00 Received: 06/08/05 18:45									
Zinc	ND	10	ug/Wipe	20	5F22029	06/22/05	06/22/05	EPA 6020	
Magnesium	**88**	2.5	"	1	5F22022	"	06/22/05	EPA 6010B	
C (MOF0403-03) Wipe Sampled: 06/07/05 00:00 Received: 06/08/05 18:45									
Calcium	**240**	12	ug/Wipe	1	5F22022	06/22/05	06/22/05	EPA 6010B	
Iron	**170**	5.0	"	"	"	"	"	"	
Potassium	ND	100	"	"	"	"	"	"	
Antimony	**4.2**	1.0	"	20	5F22029	"	06/22/05	EPA 6020	
Arsenic	ND	1.0	"	"	"	"	"	"	
Barium	ND	5.0	"	"	"	"	"	"	
Beryllium	ND	0.20	"	"	"	"	"	"	
Cadmium	ND	0.60	"	"	"	"	"	"	
Chromium	ND	10	"	"	"	"	"	"	
Cobalt	ND	2.0	"	"	"	"	"	"	
Copper	ND	5.0	"	"	"	"	"	"	
Lead	ND	5.0	"	"	"	"	"	"	
Molybdenum	ND	2.0	"	"	"	"	"	"	
Nickel	ND	8.0	"	"	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	"	"	
Silver	ND	1.0	"	"	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	"	"	
Vanadium	ND	2.0	"	"	"	"	"	"	
Zinc	ND	10	"	"	"	"	"	"	
Magnesium	**58**	2.5	"	1	5F22022	"	06/22/05	EPA 6010B	

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700 Heinz Avenue, Suite 100	Project Number:SAU5634	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	06/30/05 13:37

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
D (MOF0403-04) Wipe Sampled: 06/07/05 00:00 Received: 06/08/05 18:45									
Mercury	ND	0.0050	ug/Wipe	1	5F24016	06/24/05	06/24/05	EPA 7471A	
E (MOF0403-05) Wipe Sampled: 06/07/05 00:00 Received: 06/08/05 18:45									
Mercury	ND	0.0050	ug/Wipe	1	5F24016	06/24/05	06/24/05	EPA 7471A	
F (MOF0403-06) Wipe Sampled: 06/07/05 00:00 Received: 06/08/05 18:45									
Mercury	ND	0.0050	ug/Wipe	1	5F24016	06/24/05	06/24/05	EPA 7471A	

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700 Heinz Avenue, Suite 100	Project Number:SAU5634	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	06/30/05 13:37

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G (MOF0403-07) Wipe Sampled: 06/07/05 00:00 Received: 06/08/05 18:45									
Acenaphthene	ND	5.0	ug/Wipe	1	5F15018	06/15/05	06/16/05	EPA 8270C	
Acenaphthylene	ND	5.0	"	"	"	"	"	"	
Anthracene	ND	5.0	"	"	"	"	"	"	
Benzo (a) anthracene	ND	5.0	"	"	"	"	"	"	
Benzo (a) pyrene	ND	5.0	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	5.0	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	10	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	5.0	"	"	"	"	"	"	
Benzoic acid	ND	10	"	"	"	"	"	"	
Benzyl alcohol	ND	10	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	5.0	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	10	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	5.0	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	10	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	5.0	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	5.0	"	"	"	"	"	"	
4-Chloroaniline	ND	50	"	"	"	"	"	"	
2-Chloronaphthalene	ND	5.0	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	5.0	"	"	"	"	"	"	
2-Chlorophenol	ND	5.0	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	10	"	"	"	"	"	"	
Chrysene	ND	5.0	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	5.0	"	"	"	"	"	"	
Dibenzofuran	ND	5.0	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	10	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	50	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	5.0	"	"	"	"	"	"	
Diethyl phthalate	ND	5.0	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	10	"	"	"	"	"	"	
Dimethyl phthalate	ND	5.0	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	5.0	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	5.0	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	5.0	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	10	"	"	"	"	"	"	
Fluoranthene	ND	5.0	"	"	"	"	"	"	
Fluorene	ND	5.0	"	"	"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0403
700 Heinz Avenue, Suite 100	Project Number:SAU5634	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	06/30/05 13:37

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G (MOF0403-07) Wipe Sampled: 06/07/05 00:00 Received: 06/08/05 18:45									
Hexachlorobenzene	ND	5.0	ug/Wipe	1	5F15018	06/15/05	06/16/05	EPA 8270C	
Hexachlorobutadiene	ND	10	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	"	"	"	"	"	"	
Hexachloroethane	ND	10	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	10	"	"	"	"	"	"	
Isophorone	ND	5.0	"	"	"	"	"	"	
2-Methylnaphthalene	ND	5.0	"	"	"	"	"	"	
2-Methylphenol	ND	5.0	"	"	"	"	"	"	
4-Methylphenol	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
2-Nitroaniline	ND	10	"	"	"	"	"	"	
3-Nitroaniline	ND	100	"	"	"	"	"	"	
4-Nitroaniline	ND	50	"	"	"	"	"	"	
Nitrobenzene	ND	5.0	"	"	"	"	"	"	
2-Nitrophenol	ND	5.0	"	"	"	"	"	"	
4-Nitrophenol	ND	10	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	5.0	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	10	"	"	"	"	"	"	
Pentachlorophenol	ND	10	"	"	"	"	"	"	
Phenanthrene	ND	5.0	"	"	"	"	"	"	
Phenol	ND	5.0	"	"	"	"	"	"	
Pyrene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	10	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	5.0	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	5.0	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*77 %*	*25-121*		"	"	"	"	
Surrogate: Phenol-d6		*82 %*	*24-113*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*68 %*	*23-120*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*77 %*	*30-115*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*78 %*	*19-122*		"	"	"	"	
Surrogate: p-Terphenyl-d14		*69 %*	*18-137*		"	"	"	"	

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700 Heinz Avenue, Suite 100	Project Number:SAU5634	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	06/30/05 13:37

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
H (MOF0403-08) Wipe Sampled: 06/07/05 00:00 Received: 06/08/05 18:45									
Acenaphthene	ND	5.0	ug/Wipe	1	5F15018	06/15/05	06/16/05	EPA 8270C	
Acenaphthylene	ND	5.0	"	"	"	"	"	"	
Anthracene	ND	5.0	"	"	"	"	"	"	
Benzo (a) anthracene	ND	5.0	"	"	"	"	"	"	
Benzo (a) pyrene	ND	5.0	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	5.0	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	10	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	5.0	"	"	"	"	"	"	
Benzoic acid	ND	10	"	"	"	"	"	"	
Benzyl alcohol	ND	10	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	5.0	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	10	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	5.0	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	10	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	5.0	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	5.0	"	"	"	"	"	"	
4-Chloroaniline	ND	50	"	"	"	"	"	"	
2-Chloronaphthalene	ND	5.0	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	5.0	"	"	"	"	"	"	
2-Chlorophenol	ND	5.0	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	10	"	"	"	"	"	"	
Chrysene	ND	5.0	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	5.0	"	"	"	"	"	"	
Dibenzofuran	ND	5.0	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	10	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	50	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	5.0	"	"	"	"	"	"	
Diethyl phthalate	ND	5.0	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	10	"	"	"	"	"	"	
Dimethyl phthalate	ND	5.0	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	5.0	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	5.0	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	5.0	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	10	"	"	"	"	"	"	
Fluoranthene	ND	5.0	"	"	"	"	"	"	
Fluorene	ND	5.0	"	"	"	"	"	"	

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700 Heinz Avenue, Suite 100	Project Number:SAU5634	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	06/30/05 13:37

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
H (MOF0403-08) Wipe Sampled: 06/07/05 00:00 Received: 06/08/05 18:45									
Hexachlorobenzene	ND	5.0	ug/Wipe	1	5F15018	06/15/05	06/16/05	EPA 8270C	
Hexachlorobutadiene	ND	10	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	"	"	"	"	"	"	
Hexachloroethane	ND	10	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	10	"	"	"	"	"	"	
Isophorone	ND	5.0	"	"	"	"	"	"	
2-Methylnaphthalene	ND	5.0	"	"	"	"	"	"	
2-Methylphenol	ND	5.0	"	"	"	"	"	"	
4-Methylphenol	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
2-Nitroaniline	ND	10	"	"	"	"	"	"	
3-Nitroaniline	ND	100	"	"	"	"	"	"	
4-Nitroaniline	ND	50	"	"	"	"	"	"	
Nitrobenzene	ND	5.0	"	"	"	"	"	"	
2-Nitrophenol	ND	5.0	"	"	"	"	"	"	
4-Nitrophenol	ND	10	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	5.0	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	10	"	"	"	"	"	"	
Pentachlorophenol	ND	10	"	"	"	"	"	"	
Phenanthrene	ND	5.0	"	"	"	"	"	"	
Phenol	ND	5.0	"	"	"	"	"	"	
Pyrene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	10	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	5.0	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	5.0	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*86 %*	*25-121*		"	"	"	"	
Surrogate: Phenol-d6		*94 %*	*24-113*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*79 %*	*23-120*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*89 %*	*30-115*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*97 %*	*19-122*		"	"	"	"	
Surrogate: p-Terphenyl-d14		*84 %*	*18-137*		"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0403
700 Heinz Avenue, Suite 100	Project Number:SAU5634	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	06/30/05 13:37

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
I (MOF0403-09) Wipe Sampled: 06/07/05 00:00 Received: 06/08/05 18:45									
Acenaphthene	ND	5.0	ug/Wipe	1	5F15018	06/15/05	06/16/05	EPA 8270C	
Acenaphthylene	ND	5.0	"	"	"	"	"	"	
Anthracene	ND	5.0	"	"	"	"	"	"	
Benzo (a) anthracene	ND	5.0	"	"	"	"	"	"	
Benzo (a) pyrene	ND	5.0	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	5.0	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	10	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	5.0	"	"	"	"	"	"	
Benzoic acid	ND	10	"	"	"	"	"	"	
Benzyl alcohol	ND	10	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	5.0	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	10	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	5.0	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	10	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	5.0	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	5.0	"	"	"	"	"	"	
4-Chloroaniline	ND	50	"	"	"	"	"	"	
2-Chloronaphthalene	ND	5.0	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	5.0	"	"	"	"	"	"	
2-Chlorophenol	ND	5.0	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	10	"	"	"	"	"	"	
Chrysene	ND	5.0	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	5.0	"	"	"	"	"	"	
Dibenzofuran	ND	5.0	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	10	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	50	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	5.0	"	"	"	"	"	"	
Diethyl phthalate	ND	5.0	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	10	"	"	"	"	"	"	
Dimethyl phthalate	ND	5.0	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	5.0	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	5.0	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	5.0	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	10	"	"	"	"	"	"	
Fluoranthene	ND	5.0	"	"	"	"	"	"	
Fluorene	ND	5.0	"	"	"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0403
700 Heinz Avenue, Suite 100	Project Number:SAU5634	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	06/30/05 13:37

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
I (MOF0403-09) Wipe Sampled: 06/07/05 00:00 Received: 06/08/05 18:45									
Hexachlorobenzene	ND	5.0	ug/Wipe	1	5F15018	06/15/05	06/16/05	EPA 8270C	
Hexachlorobutadiene	ND	10	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	"	"	"	"	"	"	
Hexachloroethane	ND	10	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	10	"	"	"	"	"	"	
Isophorone	ND	5.0	"	"	"	"	"	"	
2-Methylnaphthalene	ND	5.0	"	"	"	"	"	"	
2-Methylphenol	ND	5.0	"	"	"	"	"	"	
4-Methylphenol	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
2-Nitroaniline	ND	10	"	"	"	"	"	"	
3-Nitroaniline	ND	100	"	"	"	"	"	"	
4-Nitroaniline	ND	50	"	"	"	"	"	"	
Nitrobenzene	ND	5.0	"	"	"	"	"	"	
2-Nitrophenol	ND	5.0	"	"	"	"	"	"	
4-Nitrophenol	ND	10	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	5.0	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	10	"	"	"	"	"	"	
Pentachlorophenol	ND	10	"	"	"	"	"	"	
Phenanthrene	ND	5.0	"	"	"	"	"	"	
Phenol	ND	5.0	"	"	"	"	"	"	
Pyrene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	10	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	5.0	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	5.0	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*81 %*	*25-121*		"	"	"	"	
Surrogate: Phenol-d6		*92 %*	*24-113*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*78 %*	*23-120*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*93 %*	*30-115*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*76 %*	*19-122*		"	"	"	"	
Surrogate: p-Terphenyl-d14		*82 %*	*18-137*		"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0403
700 Heinz Avenue, Suite 100	Project Number:SAU5634	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	06/30/05 13:37

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
J (MOF0403-10) Wipe Sampled: 06/07/05 00:00 Received: 06/08/05 18:45									
Naphthalene	ND	810	ug/Wipe	1	5060028	06/16/05	06/16/05	GCMS-SIM	
Acenaphthylene	ND	810	"	"	"	"	"	"	
Acenaphthene	ND	810	"	"	"	"	"	"	
Fluorene	ND	810	"	"	"	"	"	"	
Phenanthrene	ND	810	"	"	"	"	"	"	
Anthracene	ND	810	"	"	"	"	"	"	
Fluoranthene	ND	810	"	"	"	"	"	"	
Pyrene	ND	810	"	"	"	"	"	"	
Benzo (a) anthracene	ND	810	"	"	"	"	"	"	
Chrysene	ND	810	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	1600	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	810	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	810	"	"	"	"	"	"	
Benzo (a) pyrene	ND	810	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	810	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	810	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	810	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5		*99 %*	*50-150*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*104 %*	*50-150*		"	"	"	"	
Surrogate: Terphenyl-d14		*108 %*	*50-150*		"	"	"	"	
K (MOF0403-11) Wipe Sampled: 06/07/05 00:00 Received: 06/08/05 18:45									
Naphthalene	ND	810	ug/Wipe	1	5060028	06/16/05	06/16/05	GCMS-SIM	
Acenaphthylene	ND	810	"	"	"	"	"	"	
Acenaphthene	ND	810	"	"	"	"	"	"	
Fluorene	ND	810	"	"	"	"	"	"	
Phenanthrene	ND	810	"	"	"	"	"	"	
Anthracene	ND	810	"	"	"	"	"	"	
Fluoranthene	ND	810	"	"	"	"	"	"	
Pyrene	ND	810	"	"	"	"	"	"	
Benzo (a) anthracene	ND	810	"	"	"	"	"	"	
Chrysene	ND	810	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	1600	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	810	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	810	"	"	"	"	"	"	
Benzo (a) pyrene	ND	810	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	810	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	810	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	810	"	"	"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project: OEHHA Playground Study	MOF0403
700 Heinz Avenue, Suite 100	Project Number: SAU5634	**Reported:**
Berkeley CA, 94710	Project Manager: Myrto Petreas	06/30/05 13:37

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
K (MOF0403-11) Wipe Sampled: 06/07/05 00:00 Received: 06/08/05 18:45									
Surrogate: Nitrobenzene-d5		*88 %*	*50-150*		*5060028*	*06/16/05*	*06/16/05*	*GCMS-SIM*	
Surrogate: 2-Fluorobiphenyl		*90 %*	*50-150*		"	"	"	"	
Surrogate: Terphenyl-d14		*98 %*	*50-150*		"	"	"	"	
L (MOF0403-12) Wipe Sampled: 06/07/05 00:00 Received: 06/08/05 18:45									
Naphthalene	ND	810	ug/Wipe	1	5060028	06/16/05	06/16/05	GCMS-SIM	
Acenaphthylene	ND	810	"	"	"	"	"	"	
Acenaphthene	ND	810	"	"	"	"	"	"	
Fluorene	ND	810	"	"	"	"	"	"	
Phenanthrene	ND	810	"	"	"	"	"	"	
Anthracene	ND	810	"	"	"	"	"	"	
Fluoranthene	ND	810	"	"	"	"	"	"	
Pyrene	ND	810	"	"	"	"	"	"	
Benzo (a) anthracene	ND	810	"	"	"	"	"	"	
Chrysene	ND	810	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	1600	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	810	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	810	"	"	"	"	"	"	
Benzo (a) pyrene	ND	810	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	810	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	810	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	810	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5		*94 %*	*50-150*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*94 %*	*50-150*		"	"	"	"	
Surrogate: Terphenyl-d14		*98 %*	*50-150*		"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0403
700 Heinz Avenue, Suite 100	Project Number:SAU5634	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	06/30/05 13:37

Total Metals by EPA 6020 ICPMS - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5F22029 - EPA 3050B / EPA 6020										
Blank (5F22029-BLK1)				Prepared & Analyzed: 06/22/05						
Aluminum	ND	2.0	ug/Wipe							
Laboratory Control Sample (5F22029-BS1)				Prepared & Analyzed: 06/22/05						
Aluminum	51.0	2.0	ug/Wipe	50.0		102	80-120			
Laboratory Control Sample Dup (5F22029-BSD1)				Prepared & Analyzed: 06/22/05						
Aluminum	51.3	2.0	ug/Wipe	50.0		103	80-120	0.6	200	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0403
700 Heinz Avenue, Suite 100	Project Number:SAU5634	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	06/30/05 13:37

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5F22022 - EPA 3050B / EPA 6010B										
Blank (5F22022-BLK1)				Prepared & Analyzed: 06/22/05						
Magnesium	ND	2.5	ug/Wipe							
Calcium	ND	12	"							
Iron	ND	5.0	"							
Potassium	ND	100	"							
Laboratory Control Sample (5F22022-BS1)				Prepared & Analyzed: 06/22/05						
Magnesium	514	2.5	ug/Wipe	500		103	85-115			
Calcium	551	12	"	500		110	85-115			
Iron	52.6	5.0	"	50.0		105	85-115			
Potassium	506	100	"	500		101	70-125			
Laboratory Control Sample (5F22022-BS2)				Prepared & Analyzed: 06/22/05						
Magnesium	509	2.5	ug/Wipe	500		102	85-115			
Calcium	532	12	"	500		106	85-115			
Iron	52.4	5.0	"	50.0		105	85-115			
Potassium	470	100	"	500		94	70-125			
Batch 5F22029 - EPA 3050B / EPA 6020										
Blank (5F22029-BLK1)				Prepared & Analyzed: 06/22/05						
Antimony	ND	1.0	ug/Wipe							
Arsenic	ND	1.0	"							
Barium	ND	5.0	"							
Beryllium	ND	0.20	"							
Cadmium	ND	0.60	"							
Chromium	ND	10	"							
Cobalt	ND	2.0	"							
Copper	ND	5.0	"							
Lead	ND	5.0	"							
Molybdenum	ND	2.0	"							
Nickel	ND	8.0	"							
Selenium	ND	1.0	"							
Silver	ND	1.0	"							
Thallium	ND	1.0	"							
Vanadium	ND	2.0	"							
Zinc	ND	10	"							

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0403
700 Heinz Avenue, Suite 100	Project Number:SAU5634	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	06/30/05 13:37

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5F22029 - EPA 3050B / EPA 6020										
Laboratory Control Sample (5F22029-BS1)				Prepared & Analyzed: 06/22/05						
Antimony	48.3	1.0	ug/Wipe	50.0		97	80-120			
Arsenic	49.8	1.0	"	50.0		100	80-120			
Barium	47.7	5.0	"	50.0		95	80-120			
Beryllium	52.0	0.20	"	50.0		104	80-120			
Cadmium	49.3	0.60	"	50.0		99	80-120			
Chromium	54.2	10	"	50.0		108	80-120			
Cobalt	53.4	2.0	"	50.0		107	80-120			
Copper	52.5	5.0	"	50.0		105	80-120			
Lead	53.4	5.0	"	50.0		107	80-120			
Molybdenum	49.6	2.0	"	50.0		99	80-120			
Nickel	52.4	8.0	"	50.0		105	80-120			
Selenium	49.7	1.0	"	50.0		99	80-120			
Silver	50.6	1.0	"	50.0		101	80-120			
Thallium	53.8	1.0	"	50.0		108	80-120			
Vanadium	48.1	2.0	"	50.0		96	80-120			
Zinc	53.2	10	"	50.0		106	80-120			
Laboratory Control Sample Dup (5F22029-BSD1)				Prepared & Analyzed: 06/22/05						
Antimony	49.1	1.0	ug/Wipe	50.0		98	80-120	2	20	
Arsenic	50.5	1.0	"	50.0		101	80-120	1	20	
Barium	47.7	5.0	"	50.0		95	80-120	0	20	
Beryllium	51.8	0.20	"	50.0		104	80-120	0.4	20	
Cadmium	49.5	0.60	"	50.0		99	80-120	0.4	20	
Chromium	55.0	10	"	50.0		110	80-120	1	20	
Cobalt	53.5	2.0	"	50.0		107	80-120	0.2	20	
Copper	53.0	5.0	"	50.0		106	80-120	0.9	20	
Lead	53.4	5.0	"	50.0		107	80-120	0	20	
Molybdenum	50.5	2.0	"	50.0		101	80-120	2	20	
Nickel	53.0	8.0	"	50.0		106	80-120	1	20	
Selenium	49.9	1.0	"	50.0		100	80-120	0.4	20	
Silver	51.8	1.0	"	50.0		104	80-120	2	20	
Thallium	53.5	1.0	"	50.0		107	80-120	0.6	20	
Vanadium	48.4	2.0	"	50.0		97	80-120	0.6	20	
Zinc	54.0	10	"	50.0		108	80-120	1	20	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0403
700 Heinz Avenue, Suite 100	Project Number:SAU5634	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	06/30/05 13:37

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5F24016 - EPA 7471A / EPA 7471A										
Blank (5F24016-BLK1)				Prepared & Analyzed: 06/24/05						
Mercury	ND	0.0050	ug/Wipe							
Laboratory Control Sample (5F24016-BS1)				Prepared & Analyzed: 06/24/05						
Mercury	0.361	0.0050	ug/Wipe	0.400		90	75-125			
Laboratory Control Sample (5F24016-BS2)				Prepared & Analyzed: 06/24/05						
Mercury	0.382	0.0050	ug/Wipe	0.400		96	75-125			

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0403
700 Heinz Avenue, Suite 100	Project Number:SAU5634	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	06/30/05 13:37

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5F15018 - EPA 3550 Wipe / EPA 8270C										
Blank (5F15018-BLK1)				Prepared: 06/15/05 Analyzed: 06/16/05						
Acenaphthene	ND	0.17	ug/Wipe							
Acenaphthylene	ND	0.17	"							
Anthracene	ND	0.17	"							
Benzo (a) anthracene	ND	0.17	"							
Benzo (a) pyrene	ND	0.17	"							
Benzo (b) fluoranthene	ND	0.17	"							
Benzo (g,h,i) perylene	ND	0.33	"							
Benzo (k) fluoranthene	ND	0.17	"							
Benzoic acid	ND	0.33	"							
Benzyl alcohol	ND	0.33	"							
Bis(2-chloroethoxy)methane	ND	0.17	"							
Bis(2-chloroethyl)ether	ND	0.33	"							
Bis(2-chloroisopropyl)ether	ND	0.17	"							
Bis(2-ethylhexyl)phthalate	ND	0.33	"							
4-Bromophenyl phenyl ether	ND	0.17	"							
Butyl benzyl phthalate	ND	0.17	"							
4-Chloroaniline	ND	1.7	"							
2-Chloronaphthalene	ND	0.17	"							
4-Chloro-3-methylphenol	ND	0.17	"							
2-Chlorophenol	ND	0.17	"							
4-Chlorophenyl phenyl ether	ND	0.33	"							
Chrysene	ND	0.17	"							
Dibenz (a,h) anthracene	ND	0.17	"							
Dibenzofuran	ND	0.17	"							
Di-n-butyl phthalate	ND	0.17	"							
1,2-Dichlorobenzene	ND	0.33	"							
1,3-Dichlorobenzene	ND	0.33	"							
1,4-Dichlorobenzene	ND	0.33	"							
3,3´-Dichlorobenzidine	ND	1.7	"							
2,4-Dichlorophenol	ND	0.17	"							
Diethyl phthalate	ND	0.17	"							
2,4-Dimethylphenol	ND	0.33	"							
Dimethyl phthalate	ND	0.17	"							
4,6-Dinitro-2-methylphenol	ND	0.17	"							
2,4-Dinitrophenol	ND	0.33	"							
2,4-Dinitrotoluene	ND	0.17	"							

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0403
700 Heinz Avenue, Suite 100	Project Number:SAU5634	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	06/30/05 13:37

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5F15018 - EPA 3550 Wipe / EPA 8270C										
Blank (5F15018-BLK1)				Prepared: 06/15/05 Analyzed: 06/16/05						
2,6-Dinitrotoluene	ND	0.17	ug/Wipe							
Di-n-octyl phthalate	ND	0.33	"							
Fluoranthene	ND	0.17	"							
Fluorene	ND	0.17	"							
Hexachlorobenzene	ND	0.17	"							
Hexachlorobutadiene	ND	0.33	"							
Hexachlorocyclopentadiene	ND	0.33	"							
Hexachloroethane	ND	0.33	"							
Indeno (1,2,3-cd) pyrene	ND	0.33	"							
Isophorone	ND	0.17	"							
2-Methylnaphthalene	ND	0.17	"							
2-Methylphenol	ND	0.17	"							
4-Methylphenol	ND	0.17	"							
Naphthalene	ND	0.17	"							
2-Nitroaniline	ND	0.33	"							
3-Nitroaniline	ND	3.3	"							
4-Nitroaniline	ND	1.7	"							
Nitrobenzene	ND	0.17	"							
2-Nitrophenol	ND	0.17	"							
4-Nitrophenol	ND	0.33	"							
N-Nitrosodi-n-propylamine	ND	0.17	"							
N-Nitrosodiphenylamine	ND	0.33	"							
Pentachlorophenol	ND	0.33	"							
Phenanthrene	ND	0.17	"							
Phenol	ND	0.17	"							
Pyrene	ND	0.17	"							
1,2,4-Trichlorobenzene	ND	0.33	"							
2,4,5-Trichlorophenol	ND	0.17	"							
2,4,6-Trichlorophenol	ND	0.17	"							
Surrogate: 2-Fluorophenol	*3.18*		"	*3.33*		*95*	*25-121*			
Surrogate: Phenol-d6	*3.40*		"	*3.33*		*102*	*24-113*			
Surrogate: Nitrobenzene-d5	*1.43*		"	*1.67*		*86*	*23-120*			
Surrogate: 2-Fluorobiphenyl	*1.64*		"	*1.67*		*98*	*30-115*			
Surrogate: 2,4,6-Tribromophenol	*2.85*		"	*3.33*		*86*	*19-122*			
Surrogate: p-Terphenyl-d14	*1.55*		"	*1.67*		*93*	*18-137*			

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0403
700 Heinz Avenue, Suite 100	Project Number:SAU5634	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	06/30/05 13:37

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5F15018 - EPA 3550 Wipe / EPA 8270C										
Laboratory Control Sample (5F15018-BS1)				Prepared: 06/15/05 Analyzed: 06/16/05						
Acenaphthene	1.67	0.17	ug/Wipe	1.67		100	31-137			
Acenaphthylene	1.70	0.17	"	1.67		102	0-200			
Anthracene	1.69	0.17	"	1.67		101	0-200			
Benzo (a) anthracene	1.67	0.17	"	1.67		100	0-200			
Benzo (a) pyrene	1.64	0.17	"	1.67		98	0-200			
Benzo (b) fluoranthene	1.52	0.17	"	1.67		91	0-200			
Benzo (g,h,i) perylene	1.82	0.33	"	1.67		109	0-200			
Benzo (k) fluoranthene	1.57	0.17	"	1.67		94	0-200			
Benzyl alcohol	1.59	0.33	"	1.67		95	0-200			
Bis(2-chloroethoxy)methane	1.70	0.17	"	1.67		102	0-200			
Bis(2-chloroethyl)ether	1.55	0.33	"	1.67		93	0-200			
Bis(2-chloroisopropyl)ether	1.55	0.17	"	1.67		93	0-200			
Bis(2-ethylhexyl)phthalate	1.73	0.33	"	1.67		104	0-200			
4-Bromophenyl phenyl ether	1.70	0.17	"	1.67		102	0-200			
Butyl benzyl phthalate	1.78	0.17	"	1.67		107	0-200			
4-Chloroaniline	1.23	1.7	"	1.67		74	0-200			
2-Chloronaphthalene	1.58	0.17	"	1.67		95	0-200			
4-Chloro-3-methylphenol	1.72	0.17	"	1.67		103	26-103			
2-Chlorophenol	1.55	0.17	"	1.67		93	25-102			
4-Chlorophenyl phenyl ether	1.61	0.33	"	1.67		96	0-200			
Chrysene	1.73	0.17	"	1.67		104	0-200			
Dibenz (a,h) anthracene	1.91	0.17	"	1.67		114	0-200			
Dibenzofuran	1.64	0.17	"	1.67		98	0-200			
Di-n-butyl phthalate	1.83	0.17	"	1.67		110	0-200			
1,2-Dichlorobenzene	1.30	0.33	"	1.67		78	0-200			
1,3-Dichlorobenzene	1.26	0.33	"	1.67		75	0-200			
1,4-Dichlorobenzene	1.30	0.33	"	1.67		78	28-104			
2,4-Dichlorophenol	1.61	0.17	"	1.67		96	0-200			
Diethyl phthalate	1.64	0.17	"	1.67		98	0-200			
2,4-Dimethylphenol	1.32	0.33	"	1.67		79	0-200			
Dimethyl phthalate	1.63	0.17	"	1.67		98	0-200			
4,6-Dinitro-2-methylphenol	1.62	0.17	"	1.67		97	0-200			
2,4-Dinitrophenol	1.41	0.33	"	1.67		84	0-200			
2,4-Dinitrotoluene	1.61	0.17	"	1.67		96	28-89			QL06
2,6-Dinitrotoluene	1.82	0.17	"	1.67		109	0-200			
Di-n-octyl phthalate	1.53	0.33	"	1.67		92	0-200			

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0403
700 Heinz Avenue, Suite 100	Project Number:SAU5634	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	06/30/05 13:37

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5F15018 - EPA 3550 Wipe / EPA 8270C										
Laboratory Control Sample (5F15018-BS1)				Prepared: 06/15/05 Analyzed: 06/16/05						
Fluoranthene	1.68	0.17	ug/Wipe	1.67		101	0-200			
Fluorene	1.69	0.17	"	1.67		101	0-200			
Hexachlorobenzene	1.66	0.17	"	1.67		99	0-200			
Hexachlorobutadiene	1.43	0.33	"	1.67		86	0-200			
Hexachlorocyclopentadiene	1.69	0.33	"	1.67		101	0-200			
Hexachloroethane	1.28	0.33	"	1.67		77	0-200			
Indeno (1,2,3-cd) pyrene	1.92	0.33	"	1.67		115	0-200			
Isophorone	1.46	0.17	"	1.67		87	0-200			
2-Methylnaphthalene	1.49	0.17	"	1.67		89	0-200			
2-Methylphenol	1.45	0.17	"	1.67		87	0-200			
4-Methylphenol	1.47	0.17	"	0.833		176	0-200			
Naphthalene	1.52	0.17	"	1.67		91	0-200			
2-Nitroaniline	1.65	0.33	"	1.67		99	0-200			
3-Nitroaniline	1.43	3.3	"	1.67		86	0-200			
4-Nitroaniline	1.49	1.7	"	1.67		89	0-200			
Nitrobenzene	1.50	0.17	"	1.67		90	0-200			
2-Nitrophenol	1.58	0.17	"	1.67		95	0-200			
4-Nitrophenol	1.57	0.33	"	1.67		94	11-114			
N-Nitrosodi-n-propylamine	1.44	0.17	"	1.67		86	41-126			
N-Nitrosodiphenylamine	2.07	0.33	"	1.67		124	0-200			
Pentachlorophenol	1.56	0.33	"	1.67		93	17-109			
Phenanthrene	1.73	0.17	"	1.67		104	0-200			
Phenol	1.68	0.17	"	1.67		101	26-90			QL06
Pyrene	1.84	0.17	"	1.67		110	35-142			
1,2,4-Trichlorobenzene	1.40	0.33	"	1.67		84	38-107			
2,4,5-Trichlorophenol	1.70	0.17	"	1.67		102	0-200			
2,4,6-Trichlorophenol	1.67	0.17	"	1.67		100	0-200			
Surrogate: 2-Fluorophenol	*3.03*		*"*	*3.33*		*91*	*25-121*			
Surrogate: Phenol-d6	*3.21*		*"*	*3.33*		*96*	*24-113*			
Surrogate: Nitrobenzene-d5	*1.50*		*"*	*1.67*		*90*	*23-120*			
Surrogate: 2-Fluorobiphenyl	*1.52*		*"*	*1.67*		*91*	*30-115*			
Surrogate: 2,4,6-Tribromophenol	*3.29*		*"*	*3.33*		*99*	*19-122*			
Surrogate: p-Terphenyl-d14	*1.60*		*"*	*1.67*		*96*	*18-137*			

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0403
700 Heinz Avenue, Suite 100	Project Number:SAU5634	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	06/30/05 13:37

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5F15018 - EPA 3550 Wipe / EPA 8270C										
Laboratory Control Sample Dup (5F15018-BSD1)				Prepared: 06/15/05 Analyzed: 06/16/05						
Acenaphthene	1.73	0.17	ug/Wipe	1.67		104	31-137	4	40	
Acenaphthylene	1.69	0.17	"	1.67		101	0-200	0.6	200	
Anthracene	1.70	0.17	"	1.67		102	0-200	0.6	200	
Benzo (a) anthracene	1.71	0.17	"	1.67		102	0-200	2	200	
Benzo (a) pyrene	1.67	0.17	"	1.67		100	0-200	2	200	
Benzo (b) fluoranthene	1.60	0.17	"	1.67		96	0-200	5	200	
Benzo (g,h,i) perylene	1.97	0.33	"	1.67		118	0-200	8	200	
Benzo (k) fluoranthene	1.64	0.17	"	1.67		98	0-200	4	200	
Benzyl alcohol	1.66	0.33	"	1.67		99	0-200	4	200	
Bis(2-chloroethoxy)methane	1.74	0.17	"	1.67		104	0-200	2	200	
Bis(2-chloroethyl)ether	1.62	0.33	"	1.67		97	0-200	4	200	
Bis(2-chloroisopropyl)ether	1.64	0.17	"	1.67		98	0-200	6	200	
Bis(2-ethylhexyl)phthalate	1.75	0.33	"	1.67		105	0-200	1	200	
4-Bromophenyl phenyl ether	1.75	0.17	"	1.67		105	0-200	3	200	
Butyl benzyl phthalate	1.82	0.17	"	1.67		109	0-200	2	200	
4-Chloroaniline	1.15	1.7	"	1.67		69	0-200	7	200	
2-Chloronaphthalene	1.63	0.17	"	1.67		98	0-200	3	200	
4-Chloro-3-methylphenol	1.75	0.17	"	1.67		105	26-103	2	40	QL06
2-Chlorophenol	1.63	0.17	"	1.67		98	25-102	5	40	
4-Chlorophenyl phenyl ether	1.62	0.33	"	1.67		97	0-200	0.6	200	
Chrysene	1.70	0.17	"	1.67		102	0-200	2	200	
Dibenz (a,h) anthracene	2.06	0.17	"	1.67		123	0-200	8	200	
Dibenzofuran	1.60	0.17	"	1.67		96	0-200	2	200	
Di-n-butyl phthalate	1.83	0.17	"	1.67		110	0-200	0	200	
1,2-Dichlorobenzene	1.38	0.33	"	1.67		83	0-200	6	200	
1,3-Dichlorobenzene	1.39	0.33	"	1.67		83	0-200	10	200	
1,4-Dichlorobenzene	1.39	0.33	"	1.67		83	28-104	7	40	
2,4-Dichlorophenol	1.65	0.17	"	1.67		99	0-200	2	200	
Diethyl phthalate	1.64	0.17	"	1.67		98	0-200	0	200	
2,4-Dimethylphenol	1.11	0.33	"	1.67		66	0-200	17	200	
Dimethyl phthalate	1.63	0.17	"	1.67		98	0-200	0	200	
4,6-Dinitro-2-methylphenol	1.65	0.17	"	1.67		99	0-200	2	200	
2,4-Dinitrophenol	1.44	0.33	"	1.67		86	0-200	2	200	
2,4-Dinitrotoluene	1.60	0.17	"	1.67		96	28-89	0.6	40	QL06
2,6-Dinitrotoluene	1.82	0.17	"	1.67		109	0-200	0	200	
Di-n-octyl phthalate	1.65	0.33	"	1.67		99	0-200	8	200	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0403
700 Heinz Avenue, Suite 100	Project Number:SAU5634	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	06/30/05 13:37

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5F15018 - EPA 3550 Wipe / EPA 8270C										
Laboratory Control Sample Dup (5F15018-BSD1)				Prepared: 06/15/05 Analyzed: 06/16/05						
Fluoranthene	1.74	0.17	ug/Wipe	1.67		104	0-200	4	200	
Fluorene	1.67	0.17	"	1.67		100	0-200	1	200	
Hexachlorobenzene	1.69	0.17	"	1.67		101	0-200	2	200	
Hexachlorobutadiene	1.48	0.33	"	1.67		89	0-200	3	200	
Hexachlorocyclopentadiene	1.71	0.33	"	1.67		102	0-200	1	200	
Hexachloroethane	1.41	0.33	"	1.67		84	0-200	10	200	
Indeno (1,2,3-cd) pyrene	2.04	0.33	"	1.67		122	0-200	6	200	
Isophorone	1.53	0.17	"	1.67		92	0-200	5	200	
2-Methylnaphthalene	1.54	0.17	"	1.67		92	0-200	3	200	
2-Methylphenol	1.45	0.17	"	1.67		87	0-200	0	200	
4-Methylphenol	1.48	0.17	"	0.833		178	0-200	0.7	200	
Naphthalene	1.57	0.17	"	1.67		94	0-200	3	200	
2-Nitroaniline	1.70	0.33	"	1.67		102	0-200	3	200	
3-Nitroaniline	1.26	3.3	"	1.67		75	0-200	13	200	
4-Nitroaniline	1.35	1.7	"	1.67		81	0-200	10	200	
Nitrobenzene	1.57	0.17	"	1.67		94	0-200	5	200	
2-Nitrophenol	1.65	0.17	"	1.67		99	0-200	4	200	
4-Nitrophenol	1.59	0.33	"	1.67		95	11-114	1	40	
N-Nitrosodi-n-propylamine	1.52	0.17	"	1.67		91	41-126	5	40	
N-Nitrosodiphenylamine	2.07	0.33	"	1.67		124	0-200	0	200	
Pentachlorophenol	1.51	0.33	"	1.67		90	17-109	3	40	
Phenanthrene	1.76	0.17	"	1.67		105	0-200	2	200	
Phenol	1.74	0.17	"	1.67		104	26-90	4	40	QL06
Pyrene	1.81	0.17	"	1.67		108	35-142	2	40	
1,2,4-Trichlorobenzene	1.47	0.33	"	1.67		88	38-107	5	40	
2,4,5-Trichlorophenol	1.73	0.17	"	1.67		104	0-200	2	200	
2,4,6-Trichlorophenol	1.72	0.17	"	1.67		103	0-200	3	200	
Surrogate: 2-Fluorophenol	*3.13*		"	*3.33*		*94*	*25-121*			
Surrogate: Phenol-d6	*3.33*		"	*3.33*		*100*	*24-113*			
Surrogate: Nitrobenzene-d5	*1.57*		"	*1.67*		*94*	*23-120*			
Surrogate: 2-Fluorobiphenyl	*1.58*		"	*1.67*		*95*	*30-115*			
Surrogate: 2,4,6-Tribromophenol	*3.29*		"	*3.33*		*99*	*19-122*			
Surrogate: p-Terphenyl-d14	*1.62*		"	*1.67*		*97*	*18-137*			

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0403
700 Heinz Avenue, Suite 100	Project Number:SAU5634	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	06/30/05 13:37

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5060028 - EPA 3580A Waste Dil / GCMS-SIM										
Blank (5060028-BLK1)				Prepared & Analyzed: 06/16/05						
Naphthalene	ND	810	ug/Wipe							
Acenaphthylene	ND	810	"							
Acenaphthene	ND	810	"							
Fluorene	ND	810	"							
Phenanthrene	ND	810	"							
Anthracene	ND	810	"							
Fluoranthene	ND	810	"							
Pyrene	ND	810	"							
Benzo (a) anthracene	ND	810	"							
Chrysene	ND	810	"							
Benzo (b+k) fluoranthene (total)	ND	1600	"							
Benzo (b) fluoranthene	ND	810	"							
Benzo (k) fluoranthene	ND	810	"							
Benzo (a) pyrene	ND	810	"							
Indeno (1,2,3-cd) pyrene	ND	810	"							
Benzo (g,h,i) perylene	ND	810	"							
Dibenz (a,h) anthracene	ND	810	"							
Surrogate: Nitrobenzene-d5	*318*		*"*	*200*		*159*	*50-150*			*S01*
Surrogate: 2-Fluorobiphenyl	*314*		*"*	*200*		*157*	*50-150*			*S01*
Surrogate: Terphenyl-d14	*327*		*"*	*200*		*164*	*50-150*			*S01*

Sequoia Analytical

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0403
700 Heinz Avenue, Suite 100	Project Number:SAU5634	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	06/30/05 13:37

Notes and Definitions

S01	The surrogate recovery was above control limits.
QL06	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

California Department of Toxic Substances Control
Hazardous Materials Laboratory
700 Heinz Avenue, Suite#150, Berkeley, CA 94710

MOF0403

SAMPLE / SAMPLE EXTRACT TRANSPORT CUSTODY

Receiving Lab / Section: Sequoia Analytical Lab

Sample Collection Site: OEHHA Playground Study

HML # or Collector's #	Sample Type *	Analysis Requested	Location of Sample (s)	Remarks
A to L	Polyester wipe-wetted	SAR		

- **OSC** = original sample container; **SS** = split sample; **A** = Aliquot; **C** = Citrate WET; **E** = Extract; **D** = acid digest; **T** = TCLP extract.

Release for transport by: Mark Chenda Time / Date 06-08-05 3pm

Transported to: Sequoia Lab/ GC/MS/ Org sec / Inorg sec/ Fed Ex / Others
By: [signature] Time / Date 6/7/05 1500

Received by: _____ Time / Date _____

Returned to HML by: _____ Time / Date _____

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: BTSC
REC. BY (PRINT): JAM
WORKORDER: MOF0403

DATE REC'D AT LAB: 6/8/05
TIME REC'D AT LAB: 1845
DATE LOGGED IN: 6-12-05

For Regulatory Purposes?
DRINKING WATER YES / NO
WASTE WATER YES / NO

(For clients requiring preservation checks at receipt, document here ⬇)

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / (Absent) Intact / Broken*	01	A	A	16oz jar	—	—	Wipe	6/2/05	
2. Chain-of-Custody (Present) / Absent*	02		B	↓	↓	↓	↓	↓	
3. Traffic Reports or Packing List: Present / (Absent)	03		C						
4. Airbill: Airbill / Sticker (Present) / Absent	04		D						
5. Airbill #:	05	↓	E						
6. Sample Labels: (Present) / Absent	06		F	↓	↓	↓	↓	↓	
7. Sample IDs: (Listed) / Not Listed on Chain-of-Custody									
8. Sample Condition: (Intact) / Broken* / Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree? (Yes) / No*									
10. Sample received within hold time? (Yes) / No*									
11. Adequate sample volume received? (Yes) / No*									
12. Proper Preservatives used? (Yes) / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / (No)									
14. Temp Rec. at Lab: 2°C Is temp 4 +/-2°C? (Yes) / No**									

(acceptance range for samples requiring thermal pres.)
Exception (if any): METALS / DFF ON ICE
Problem COC

6/8/05

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

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2 August, 2005

Myrto Petreas
Dept. of Toxic Substances Contol-Berkeley
700 Heinz Avenue, Suite 100
Berkeley, CA 94710

RE: OEHHA Playground Study
Work Order: MOF0623

Enclosed are the results of analyses for samples received by the laboratory on 06/16/05 19:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Theresa Allen
Project Manager

CA ELAP Certificate #1210

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0623
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/02/05 13:37

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
A	MOF0623-01	Wipe	06/15/05 00:00	06/16/05 19:20
B	MOF0623-02	Wipe	06/15/05 00:00	06/16/05 19:20
C	MOF0623-03	Wipe	06/15/05 00:00	06/16/05 19:20
D	MOF0623-04	Wipe	06/15/05 00:00	06/16/05 19:20
E	MOF0623-05	Wipe	06/15/05 00:00	06/16/05 19:20
F	MOF0623-06	Wipe	06/15/05 00:00	06/16/05 19:20
G	MOF0623-07	Wipe	06/15/05 00:00	06/16/05 19:20
H	MOF0623-08	Wipe	06/15/05 00:00	06/16/05 19:20
I	MOF0623-09	Wipe	06/15/05 00:00	06/16/05 19:20
J	MOF0623-10	Wipe	06/15/05 00:00	06/16/05 19:20
K	MOF0623-11	Wipe	06/15/05 00:00	06/16/05 19:20
L	MOF0623-12	Wipe	06/15/05 00:00	06/16/05 19:20

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0623
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/02/05 13:37

Metals Scan by ICP

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
A (MOF0623-01) Wipe Sampled: 06/15/05 00:00 Received: 06/16/05 19:20									
Silver	ND	25	ug/Wipe	1	5F27021	06/27/05	06/28/05	ICP Scan	
Antimony	ND	250	"	"	"	"	"	"	
Sodium	ND	600	"	"	"	"	"	"	
Arsenic	ND	250	"	"	"	"	"	"	
Barium	ND	250	"	"	"	"	"	"	
Beryllium	ND	10	"	"	"	"	"	"	
Calcium	**1600**	600	"	"	"	"	"	"	
Cadmium	ND	10	"	"	"	"	"	"	
Cobalt	ND	25	"	"	"	"	"	"	
Copper	ND	200	"	"	"	"	"	"	
Chromium	ND	250	"	"	"	"	"	"	
Iron	ND	500	"	"	"	"	"	"	
Lead	ND	250	"	"	"	"	"	"	
Manganese	ND	500	"	"	"	"	"	"	
Molybdenum	ND	50	"	"	"	"	"	"	
Nickel	ND	250	"	"	"	"	"	"	
Potassium	ND	1200	"	"	"	"	"	"	
Selenium	ND	500	"	"	"	"	"	"	
Thallium	ND	250	"	"	"	"	"	"	
Vanadium	ND	250	"	"	"	"	"	"	
Zinc	ND	250	"	"	"	"	"	"	
B (MOF0623-02) Wipe Sampled: 06/15/05 00:00 Received: 06/16/05 19:20									
Silver	ND	25	ug/Wipe	1	5F27021	06/27/05	06/28/05	ICP Scan	
Antimony	ND	250	"	"	"	"	"	"	
Sodium	ND	600	"	"	"	"	"	"	
Arsenic	ND	250	"	"	"	"	"	"	
Barium	ND	250	"	"	"	"	"	"	
Beryllium	ND	10	"	"	"	"	"	"	
Calcium	**2700**	600	"	"	"	"	"	"	
Cadmium	ND	10	"	"	"	"	"	"	
Cobalt	ND	25	"	"	"	"	"	"	
Copper	ND	200	"	"	"	"	"	"	
Chromium	ND	250	"	"	"	"	"	"	
Iron	ND	500	"	"	"	"	"	"	
Lead	ND	250	"	"	"	"	"	"	
Manganese	ND	500	"	"	"	"	"	"	
Molybdenum	ND	50	"	"	"	"	"	"	
Nickel	ND	250	"	"	"	"	"	"	
Potassium	ND	1200	"	"	"	"	06/28/05	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0623
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/02/05 13:37

Metals Scan by ICP

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B (MOF0623-02) Wipe Sampled: 06/15/05 00:00 Received: 06/16/05 19:20									
Selenium	ND	500	ug/Wipe	1	5F27021	06/27/05	06/28/05	ICP Scan	
Thallium	ND	250	"	"	"	"	"	"	
Vanadium	ND	250	"	"	"	"	"	"	
Zinc	ND	250	"	"	"	"	"	"	
C (MOF0623-03) Wipe Sampled: 06/15/05 00:00 Received: 06/16/05 19:20									
Silver	ND	25	ug/Wipe	1	5F27021	06/27/05	06/28/05	ICP Scan	
Antimony	ND	250	"	"	"	"	"	"	
Sodium	**600**	600	"	"	"	"	"	"	
Arsenic	ND	250	"	"	"	"	"	"	
Barium	ND	250	"	"	"	"	"	"	
Beryllium	ND	10	"	"	"	"	"	"	
Calcium	**2700**	600	"	"	"	"	"	"	
Cadmium	ND	10	"	"	"	"	"	"	
Cobalt	ND	25	"	"	"	"	"	"	
Copper	ND	200	"	"	"	"	"	"	
Chromium	ND	250	"	"	"	"	"	"	
Iron	**1000**	500	"	"	"	"	"	"	
Lead	ND	250	"	"	"	"	"	"	
Manganese	ND	500	"	"	"	"	"	"	
Molybdenum	ND	50	"	"	"	"	"	"	
Nickel	ND	250	"	"	"	"	"	"	
Potassium	ND	1200	"	"	"	"	"	"	
Selenium	ND	500	"	"	"	"	"	"	
Thallium	ND	250	"	"	"	"	"	"	
Vanadium	ND	250	"	"	"	"	"	"	
Zinc	ND	250	"	"	"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0623
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/02/05 13:37

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
A (MOF0623-01) Wipe Sampled: 06/15/05 00:00 Received: 06/16/05 19:20									
Antimony	**120**	1.0	ug/Wipe	20	5G05011	06/27/05	07/20/05	EPA 6020	
Arsenic	ND	1.0	"	"	"	"	"	"	
Barium	**5.9**	5.0	"	"	"	"	"	"	
Beryllium	ND	0.20	"	"	"	"	"	"	
Cadmium	ND	0.60	"	"	"	"	"	"	
Chromium	ND	10	"	"	"	"	"	"	
Cobalt	ND	2.0	"	"	"	"	"	"	
Copper	ND	5.0	"	"	"	"	"	"	
Lead	ND	5.0	"	"	"	"	"	"	
Molybdenum	ND	2.0	"	"	"	"	"	"	
Nickel	ND	8.0	"	"	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	"	"	
Silver	ND	1.0	"	"	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	"	"	
Vanadium	ND	2.0	"	"	"	"	"	"	
Zinc	**70**	10	"	"	"	"	"	"	
B (MOF0623-02) Wipe Sampled: 06/15/05 00:00 Received: 06/16/05 19:20									
Antimony	**190**	1.0	ug/Wipe	20	5G05011	06/27/05	07/20/05	EPA 6020	
Arsenic	ND	1.0	"	"	"	"	"	"	
Barium	**7.0**	5.0	"	"	"	"	"	"	
Beryllium	ND	0.20	"	"	"	"	"	"	
Cadmium	ND	0.60	"	"	"	"	"	"	
Chromium	ND	10	"	"	"	"	"	"	
Cobalt	ND	2.0	"	"	"	"	"	"	
Copper	ND	5.0	"	"	"	"	"	"	
Lead	ND	5.0	"	"	"	"	"	"	
Molybdenum	ND	2.0	"	"	"	"	"	"	
Nickel	ND	8.0	"	"	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	"	"	
Silver	ND	1.0	"	"	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	"	"	
Vanadium	ND	2.0	"	"	"	"	"	"	
Zinc	**75**	10	"	"	"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0623
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/02/05 13:37

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C (MOF0623-03) Wipe Sampled: 06/15/05 00:00 Received: 06/16/05 19:20									
Antimony	**220**	1.0	ug/Wipe	20	5G05011	06/27/05	07/20/05	EPA 6020	
Arsenic	ND	1.0	"	"	"	"	"	"	
Barium	**19**	5.0	"	"	"	"	"	"	
Beryllium	ND	0.20	"	"	"	"	"	"	
Cadmium	ND	0.60	"	"	"	"	"	"	
Chromium	ND	10	"	"	"	"	"	"	
Cobalt	ND	2.0	"	"	"	"	"	"	
Copper	**6.3**	5.0	"	"	"	"	"	"	
Lead	ND	5.0	"	"	"	"	"	"	
Molybdenum	ND	2.0	"	"	"	"	"	"	
Nickel	ND	8.0	"	"	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	"	"	
Silver	ND	1.0	"	"	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	"	"	
Vanadium	ND	2.0	"	"	"	"	"	"	
Zinc	**66**	10	"	"	"	"	"	"	
D (MOF0623-04) Wipe Sampled: 06/15/05 00:00 Received: 06/16/05 19:20									
Mercury	ND	0.0050	ug/Wipe	1	5F24016	06/24/05	06/24/05	EPA 7471A	
E (MOF0623-05) Wipe Sampled: 06/15/05 00:00 Received: 06/16/05 19:20									
Mercury	ND	0.0050	ug/Wipe	1	5F24016	06/24/05	06/24/05	EPA 7471A	
F (MOF0623-06) Wipe Sampled: 06/15/05 00:00 Received: 06/16/05 19:20									
Mercury	**0.012**	0.0050	ug/Wipe	1	5F24016	06/24/05	06/24/05	EPA 7471A	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0623
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/02/05 13:37

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G (MOF0623-07) Wipe Sampled: 06/15/05 00:00 Received: 06/16/05 19:20									
Acenaphthene	ND	5.0	ug/Wipe	1	5F21026	06/21/05	06/22/05	EPA 8270C	
Acenaphthylene	ND	5.0	"	"	"	"	"	"	
Anthracene	ND	5.0	"	"	"	"	"	"	
Benzo (a) anthracene	ND	5.0	"	"	"	"	"	"	
Benzo (a) pyrene	ND	5.0	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	5.0	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	10	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	5.0	"	"	"	"	"	"	
Benzoic acid	ND	10	"	"	"	"	"	"	
Benzyl alcohol	ND	10	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	5.0	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	10	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	5.0	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	10	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	5.0	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	5.0	"	"	"	"	"	"	
4-Chloroaniline	ND	50	"	"	"	"	"	"	
2-Chloronaphthalene	ND	5.0	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	5.0	"	"	"	"	"	"	
2-Chlorophenol	ND	5.0	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	10	"	"	"	"	"	"	
Chrysene	ND	5.0	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	5.0	"	"	"	"	"	"	
Dibenzofuran	ND	5.0	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	10	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	50	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	5.0	"	"	"	"	"	"	
Diethyl phthalate	ND	5.0	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	10	"	"	"	"	"	"	
Dimethyl phthalate	ND	5.0	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	5.0	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	5.0	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	5.0	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	10	"	"	"	"	"	"	
Fluoranthene	ND	5.0	"	"	"	"	"	"	
Fluorene	ND	5.0	"	"	"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0623
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/02/05 13:37

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G (MOF0623-07) Wipe Sampled: 06/15/05 00:00 Received: 06/16/05 19:20									
Hexachlorobenzene	ND	5.0	ug/Wipe	1	5F21026	06/21/05	06/22/05	EPA 8270C	
Hexachlorobutadiene	ND	10	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	"	"	"	"	"	"	
Hexachloroethane	ND	10	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	10	"	"	"	"	"	"	
Isophorone	ND	5.0	"	"	"	"	"	"	
2-Methylnaphthalene	ND	5.0	"	"	"	"	"	"	
2-Methylphenol	ND	5.0	"	"	"	"	"	"	
4-Methylphenol	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
2-Nitroaniline	ND	10	"	"	"	"	"	"	
3-Nitroaniline	ND	100	"	"	"	"	"	"	
4-Nitroaniline	ND	50	"	"	"	"	"	"	
Nitrobenzene	ND	5.0	"	"	"	"	"	"	
2-Nitrophenol	ND	5.0	"	"	"	"	"	"	
4-Nitrophenol	ND	10	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	5.0	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	10	"	"	"	"	"	"	
Pentachlorophenol	ND	10	"	"	"	"	"	"	
Phenanthrene	ND	5.0	"	"	"	"	"	"	
Phenol	ND	5.0	"	"	"	"	"	"	
Pyrene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	10	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	5.0	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	5.0	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*74 %*	*25-121*		"	"	"	"	
Surrogate: Phenol-d6		*87 %*	*24-113*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*75 %*	*23-120*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*74 %*	*30-115*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*81 %*	*19-122*		"	"	"	"	
Surrogate: p-Terphenyl-d14		*67 %*	*18-137*		"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0623
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/02/05 13:37

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
H (MOF0623-08) Wipe Sampled: 06/15/05 00:00 Received: 06/16/05 19:20									
Acenaphthene	ND	5.0	ug/Wipe	1	5F21026	06/21/05	06/22/05	EPA 8270C	
Acenaphthylene	ND	5.0	"	"	"	"	"	"	
Anthracene	ND	5.0	"	"	"	"	"	"	
Benzo (a) anthracene	ND	5.0	"	"	"	"	"	"	
Benzo (a) pyrene	ND	5.0	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	5.0	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	10	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	5.0	"	"	"	"	"	"	
Benzoic acid	ND	10	"	"	"	"	"	"	
Benzyl alcohol	ND	10	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	5.0	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	10	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	5.0	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	10	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	5.0	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	5.0	"	"	"	"	"	"	
4-Chloroaniline	ND	50	"	"	"	"	"	"	
2-Chloronaphthalene	ND	5.0	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	5.0	"	"	"	"	"	"	
2-Chlorophenol	ND	5.0	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	10	"	"	"	"	"	"	
Chrysene	ND	5.0	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	5.0	"	"	"	"	"	"	
Dibenzofuran	ND	5.0	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	10	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	50	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	5.0	"	"	"	"	"	"	
Diethyl phthalate	ND	5.0	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	10	"	"	"	"	"	"	
Dimethyl phthalate	ND	5.0	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	5.0	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	5.0	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	5.0	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	10	"	"	"	"	"	"	
Fluoranthene	ND	5.0	"	"	"	"	"	"	
Fluorene	ND	5.0	"	"	"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0623
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/02/05 13:37

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
H (MOF0623-08) Wipe Sampled: 06/15/05 00:00 Received: 06/16/05 19:20									
Hexachlorobenzene	ND	5.0	ug/Wipe	1	5F21026	06/21/05	06/22/05	EPA 8270C	
Hexachlorobutadiene	ND	10	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	"	"	"	"	"	"	
Hexachloroethane	ND	10	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	10	"	"	"	"	"	"	
Isophorone	ND	5.0	"	"	"	"	"	"	
2-Methylnaphthalene	ND	5.0	"	"	"	"	"	"	
2-Methylphenol	ND	5.0	"	"	"	"	"	"	
4-Methylphenol	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
2-Nitroaniline	ND	10	"	"	"	"	"	"	
3-Nitroaniline	ND	100	"	"	"	"	"	"	
4-Nitroaniline	ND	50	"	"	"	"	"	"	
Nitrobenzene	ND	5.0	"	"	"	"	"	"	
2-Nitrophenol	ND	5.0	"	"	"	"	"	"	
4-Nitrophenol	ND	10	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	5.0	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	10	"	"	"	"	"	"	
Pentachlorophenol	ND	10	"	"	"	"	"	"	
Phenanthrene	ND	5.0	"	"	"	"	"	"	
Phenol	ND	5.0	"	"	"	"	"	"	
Pyrene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	10	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	5.0	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	5.0	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*78 %*	*25-121*		"	"	"	"	
Surrogate: Phenol-d6		*95 %*	*24-113*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*75 %*	*23-120*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*70 %*	*30-115*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*88 %*	*19-122*		"	"	"	"	
Surrogate: p-Terphenyl-d14		*76 %*	*18-137*		"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0623
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/02/05 13:37

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
I (MOF0623-09) Wipe Sampled: 06/15/05 00:00 Received: 06/16/05 19:20									
Acenaphthene	ND	5.0	ug/Wipe	1	5F21026	06/21/05	06/22/05	EPA 8270C	
Acenaphthylene	ND	5.0	"	"	"	"	"	"	
Anthracene	ND	5.0	"	"	"	"	"	"	
Benzo (a) anthracene	ND	5.0	"	"	"	"	"	"	
Benzo (a) pyrene	ND	5.0	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	5.0	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	10	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	5.0	"	"	"	"	"	"	
Benzoic acid	ND	10	"	"	"	"	"	"	
Benzyl alcohol	ND	10	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	5.0	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	10	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	5.0	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	10	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	5.0	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	5.0	"	"	"	"	"	"	
4-Chloroaniline	ND	50	"	"	"	"	"	"	
2-Chloronaphthalene	ND	5.0	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	5.0	"	"	"	"	"	"	
2-Chlorophenol	ND	5.0	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	10	"	"	"	"	"	"	
Chrysene	ND	5.0	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	5.0	"	"	"	"	"	"	
Dibenzofuran	ND	5.0	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	10	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	50	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	5.0	"	"	"	"	"	"	
Diethyl phthalate	ND	5.0	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	10	"	"	"	"	"	"	
Dimethyl phthalate	ND	5.0	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	5.0	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	5.0	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	5.0	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	10	"	"	"	"	"	"	
Fluoranthene	ND	5.0	"	"	"	"	"	"	
Fluorene	ND	5.0	"	"	"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0623
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/02/05 13:37

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
I (MOF0623-09) Wipe Sampled: 06/15/05 00:00 Received: 06/16/05 19:20									
Hexachlorobenzene	ND	5.0	ug/Wipe	1	5F21026	06/21/05	06/22/05	EPA 8270C	
Hexachlorobutadiene	ND	10	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	"	"	"	"	"	"	
Hexachloroethane	ND	10	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	10	"	"	"	"	"	"	
Isophorone	ND	5.0	"	"	"	"	"	"	
2-Methylnaphthalene	ND	5.0	"	"	"	"	"	"	
2-Methylphenol	ND	5.0	"	"	"	"	"	"	
4-Methylphenol	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
2-Nitroaniline	ND	10	"	"	"	"	"	"	
3-Nitroaniline	ND	100	"	"	"	"	"	"	
4-Nitroaniline	ND	50	"	"	"	"	"	"	
Nitrobenzene	ND	5.0	"	"	"	"	"	"	
2-Nitrophenol	ND	5.0	"	"	"	"	"	"	
4-Nitrophenol	ND	10	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	5.0	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	10	"	"	"	"	"	"	
Pentachlorophenol	ND	10	"	"	"	"	"	"	
Phenanthrene	ND	5.0	"	"	"	"	"	"	
Phenol	ND	5.0	"	"	"	"	"	"	
Pyrene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	10	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	5.0	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	5.0	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*73 %*	*25-121*		"	"	"	"	
Surrogate: Phenol-d6		*86 %*	*24-113*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*71 %*	*23-120*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*74 %*	*30-115*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*82 %*	*19-122*		"	"	"	"	
Surrogate: p-Terphenyl-d14		*72 %*	*18-137*		"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0623
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/02/05 13:37

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
J (MOF0623-10) Wipe Sampled: 06/15/05 00:00 Received: 06/16/05 19:20									
Naphthalene	ND	530	ug/Wipe	1	5060031	06/21/05	06/22/05	GCMS-SIM	
Acenaphthylene	ND	530	"	"	"	"	"	"	
Acenaphthene	ND	530	"	"	"	"	"	"	
Fluorene	ND	530	"	"	"	"	"	"	
Phenanthrene	ND	530	"	"	"	"	"	"	
Anthracene	ND	530	"	"	"	"	"	"	
Fluoranthene	ND	530	"	"	"	"	"	"	
Pyrene	ND	530	"	"	"	"	"	"	
Benzo (a) anthracene	ND	530	"	"	"	"	"	"	
Chrysene	ND	530	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	1100	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	530	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	530	"	"	"	"	"	"	
Benzo (a) pyrene	ND	530	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	530	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	530	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	530	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5		*75 %*	*30-101*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*83 %*	*21-111*		"	"	"	"	
Surrogate: Terphenyl-d14		*80 %*	*38-123*		"	"	"	"	
K (MOF0623-11) Wipe Sampled: 06/15/05 00:00 Received: 06/16/05 19:20									
Naphthalene	ND	530	ug/Wipe	1	5060031	06/21/05	06/22/05	GCMS-SIM	
Acenaphthylene	ND	530	"	"	"	"	"	"	
Acenaphthene	ND	530	"	"	"	"	"	"	
Fluorene	ND	530	"	"	"	"	"	"	
Phenanthrene	ND	530	"	"	"	"	"	"	
Anthracene	ND	530	"	"	"	"	"	"	
Fluoranthene	ND	530	"	"	"	"	"	"	
Pyrene	ND	530	"	"	"	"	"	"	
Benzo (a) anthracene	ND	530	"	"	"	"	"	"	
Chrysene	ND	530	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	1100	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	530	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	530	"	"	"	"	"	"	
Benzo (a) pyrene	ND	530	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	530	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	530	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	530	"	"	"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0623
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/02/05 13:37

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
K (MOF0623-11) Wipe Sampled: 06/15/05 00:00 Received: 06/16/05 19:20									
Surrogate: Nitrobenzene-d5		*81 %*	*30-101*		*5060031*	*06/21/05*	*06/22/05*	*GCMS-SIM*	
Surrogate: 2-Fluorobiphenyl		*86 %*	*21-111*		"	"	"	"	
Surrogate: Terphenyl-d14		*85 %*	*38-123*		"	"	"	"	
L (MOF0623-12) Wipe Sampled: 06/15/05 00:00 Received: 06/16/05 19:20									
Naphthalene	ND	530	ug/Wipe	1	5060031	06/21/05	06/22/05	GCMS-SIM	
Acenaphthylene	ND	530	"	"	"	"	"	"	
Acenaphthene	ND	530	"	"	"	"	"	"	
Fluorene	ND	530	"	"	"	"	"	"	
Phenanthrene	ND	530	"	"	"	"	"	"	
Anthracene	ND	530	"	"	"	"	"	"	
Fluoranthene	ND	530	"	"	"	"	"	"	
Pyrene	ND	530	"	"	"	"	"	"	
Benzo (a) anthracene	ND	530	"	"	"	"	"	"	
Chrysene	ND	530	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	1100	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	530	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	530	"	"	"	"	"	"	
Benzo (a) pyrene	ND	530	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	530	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	530	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	530	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5		*86 %*	*30-101*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*86 %*	*21-111*		"	"	"	"	
Surrogate: Terphenyl-d14		*84 %*	*38-123*		"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0623
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/02/05 13:37

Metals Scan by ICP - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5F27021 - EPA 3050B / ICP Scan										
Blank (5F27021-BLK1)				Prepared: 06/27/05 Analyzed: 06/28/05						
Silver	ND	25	ug/Wipe							
Antimony	ND	250	"							
Sodium	ND	600	"							
Arsenic	ND	250	"							
Barium	ND	250	"							
Beryllium	ND	10	"							
Calcium	ND	600	"							
Cadmium	ND	10	"							
Cobalt	ND	25	"							
Copper	ND	200	"							
Chromium	ND	250	"							
Iron	ND	500	"							
Lead	ND	250	"							
Manganese	ND	500	"							
Molybdenum	ND	50	"							
Nickel	ND	250	"							
Potassium	ND	1200	"							
Selenium	ND	500	"							
Thallium	ND	250	"							
Vanadium	ND	250	"							
Zinc	ND	250	"							
Laboratory Control Sample (5F27021-BS1)				Prepared: 06/27/05 Analyzed: 06/28/05						
Silver	50.2	25	ug/Wipe	50.0		100	80-110			
Antimony	50.7	250	"	50.0		101	80-115			
Sodium	486	600	"	500		97	70-115			
Arsenic	50.6	250	"	50.0		101	80-110			
Barium	48.8	250	"	50.0		98	80-110			
Beryllium	47.6	10	"	50.0		95	80-110			
Calcium	517	600	"	500		103	75-120			
Cadmium	50.5	10	"	50.0		101	80-110			
Cobalt	51.5	25	"	50.0		103	85-115			
Copper	49.1	200	"	50.0		98	85-110			
Chromium	51.1	250	"	50.0		102	85-110			
Iron	51.8	500	"	50.0		104	80-120			
Lead	51.3	250	"	50.0		103	75-120			

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0623
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/02/05 13:37

Metals Scan by ICP - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5F27021 - EPA 3050B / ICP Scan										
Laboratory Control Sample (5F27021-BS1)				Prepared: 06/27/05 Analyzed: 06/28/05						
Manganese	50.8	500	ug/Wipe	50.0		102	80-115			
Molybdenum	50.6	50	"	50.0		101	80-110			
Nickel	51.0	250	"	50.0		102	80-115			
Potassium	519	1200	"	500		104	70-125			
Selenium	50.9	500	"	50.0		102	80-110			
Thallium	52.6	250	"	50.0		105	75-115			
Vanadium	50.5	250	"	50.0		101	75-115			
Zinc	50.2	250	"	50.0		100	80-115			
Laboratory Control Sample (5F27021-BS2)				Prepared: 06/27/05 Analyzed: 06/28/05						
Silver	49.6	25	ug/Wipe	50.0		99	80-110			
Antimony	50.0	250	"	50.0		100	80-115			
Sodium	473	600	"	500		95	70-115			
Arsenic	48.9	250	"	50.0		98	80-110			
Barium	47.8	250	"	50.0		96	80-110			
Beryllium	47.0	10	"	50.0		94	80-110			
Calcium	510	600	"	500		102	75-120			
Cadmium	50.0	10	"	50.0		100	80-110			
Cobalt	51.0	25	"	50.0		102	85-115			
Copper	48.3	200	"	50.0		97	85-110			
Chromium	50.4	250	"	50.0		101	85-110			
Iron	51.1	500	"	50.0		102	80-120			
Lead	51.2	250	"	50.0		102	75-120			
Manganese	50.2	500	"	50.0		100	80-115			
Molybdenum	50.2	50	"	50.0		100	80-110			
Nickel	50.2	250	"	50.0		100	80-115			
Potassium	512	1200	"	500		102	70-125			
Selenium	50.2	500	"	50.0		100	80-110			
Thallium	51.4	250	"	50.0		103	75-115			
Vanadium	49.8	250	"	50.0		100	75-115			
Zinc	49.7	250	"	50.0		99	80-115			

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0623
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/02/05 13:37

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5G05011 - EPA 3050B / EPA 6020										
Blank (5G05011-BLK1)				Prepared: 06/27/05 Analyzed: 07/05/05						
Antimony	ND	1.0	ug/Wipe							
Arsenic	ND	1.0	"							
Barium	ND	5.0	"							
Beryllium	ND	0.20	"							
Cadmium	ND	0.60	"							
Chromium	ND	10	"							
Cobalt	ND	2.0	"							
Copper	ND	5.0	"							
Lead	ND	5.0	"							
Molybdenum	ND	2.0	"							
Nickel	ND	8.0	"							
Selenium	1.40	1.0	"							QB02
Silver	ND	1.0	"							
Thallium	ND	1.0	"							
Vanadium	ND	2.0	"							
Zinc	ND	10	"							
Laboratory Control Sample (5G05011-BS1)				Prepared: 06/27/05 Analyzed: 07/05/05						
Antimony	48.9	1.0	ug/Wipe	50.0		98	80-120			
Arsenic	48.0	1.0	"	50.0		96	80-120			
Barium	47.8	5.0	"	50.0		96	80-120			
Beryllium	50.1	0.20	"	50.0		100	80-120			
Cadmium	47.2	0.60	"	50.0		94	80-120			
Chromium	50.9	10	"	50.0		102	80-120			
Cobalt	49.8	2.0	"	50.0		100	80-120			
Copper	50.5	5.0	"	50.0		101	80-120			
Lead	50.2	5.0	"	50.0		100	80-120			
Molybdenum	48.7	2.0	"	50.0		97	80-120			
Nickel	49.4	8.0	"	50.0		99	80-120			
Selenium	45.9	1.0	"	50.0		92	80-120			
Silver	49.5	1.0	"	50.0		99	80-120			
Thallium	49.9	1.0	"	50.0		100	80-120			
Vanadium	47.5	2.0	"	50.0		95	80-120			
Zinc	51.3	10	"	50.0		103	80-120			

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0623
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/02/05 13:37

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5G05011 - EPA 3050B / EPA 6020										
Laboratory Control Sample (5G05011-BS2)				Prepared: 06/27/05 Analyzed: 07/05/05						
Antimony	48.8	1.0	ug/Wipe	50.0		98	80-120			
Arsenic	47.7	1.0	"	50.0		95	80-120			
Barium	47.5	5.0	"	50.0		95	80-120			
Beryllium	48.7	0.20	"	50.0		97	80-120			
Cadmium	47.0	0.60	"	50.0		94	80-120			
Chromium	50.2	10	"	50.0		100	80-120			
Cobalt	50.2	2.0	"	50.0		100	80-120			
Copper	50.6	5.0	"	50.0		101	80-120			
Lead	50.1	5.0	"	50.0		100	80-120			
Molybdenum	48.1	2.0	"	50.0		96	80-120			
Nickel	49.4	8.0	"	50.0		99	80-120			
Selenium	45.3	1.0	"	50.0		91	80-120			
Silver	49.3	1.0	"	50.0		99	80-120			
Thallium	50.1	1.0	"	50.0		100	80-120			
Vanadium	46.9	2.0	"	50.0		94	80-120			
Zinc	51.3	10	"	50.0		103	80-120			
Batch 5F24016 - EPA 7471A / EPA 7471A										
Blank (5F24016-BLK1)				Prepared & Analyzed: 06/24/05						
Mercury	ND	0.0050	ug/Wipe							
Laboratory Control Sample (5F24016-BS1)				Prepared & Analyzed: 06/24/05						
Mercury	0.361	0.0050	ug/Wipe	0.400		90	75-125			
Laboratory Control Sample (5F24016-BS2)				Prepared & Analyzed: 06/24/05						
Mercury	0.382	0.0050	ug/Wipe	0.400		96	75-125			

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0623
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/02/05 13:37

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5F21026 - EPA 3550 Wipe / EPA 8270C										
Blank (5F21026-BLK1)				Prepared: 06/21/05 Analyzed: 06/22/05						
Acenaphthene	ND	5.0	ug/Wipe							
Acenaphthylene	ND	5.0	"							
Anthracene	ND	5.0	"							
Benzo (a) anthracene	ND	5.0	"							
Benzo (a) pyrene	ND	5.0	"							
Benzo (b) fluoranthene	ND	5.0	"							
Benzo (g,h,i) perylene	ND	10	"							
Benzo (k) fluoranthene	ND	5.0	"							
Benzoic acid	ND	10	"							
Benzyl alcohol	ND	10	"							
Bis(2-chloroethoxy)methane	ND	5.0	"							
Bis(2-chloroethyl)ether	ND	10	"							
Bis(2-chloroisopropyl)ether	ND	5.0	"							
Bis(2-ethylhexyl)phthalate	ND	10	"							
4-Bromophenyl phenyl ether	ND	5.0	"							
Butyl benzyl phthalate	ND	5.0	"							
4-Chloroaniline	ND	50	"							
2-Chloronaphthalene	ND	5.0	"							
4-Chloro-3-methylphenol	ND	5.0	"							
2-Chlorophenol	ND	5.0	"							
4-Chlorophenyl phenyl ether	ND	10	"							
Chrysene	ND	5.0	"							
Dibenz (a,h) anthracene	ND	5.0	"							
Dibenzofuran	ND	5.0	"							
Di-n-butyl phthalate	ND	5.0	"							
1,2-Dichlorobenzene	ND	10	"							
1,3-Dichlorobenzene	ND	10	"							
1,4-Dichlorobenzene	ND	10	"							
3,3´-Dichlorobenzidine	ND	50	"							
2,4-Dichlorophenol	ND	5.0	"							
Diethyl phthalate	ND	5.0	"							
2,4-Dimethylphenol	ND	10	"							
Dimethyl phthalate	ND	5.0	"							
4,6-Dinitro-2-methylphenol	ND	5.0	"							
2,4-Dinitrophenol	ND	10	"							
2,4-Dinitrotoluene	ND	5.0	"							

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0623
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/02/05 13:37

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5F21026 - EPA 3550 Wipe / EPA 8270C										
Blank (5F21026-BLK1)				Prepared: 06/21/05 Analyzed: 06/22/05						
2,6-Dinitrotoluene	ND	5.0	ug/Wipe							
Di-n-octyl phthalate	ND	10	"							
Fluoranthene	ND	5.0	"							
Fluorene	ND	5.0	"							
Hexachlorobenzene	ND	5.0	"							
Hexachlorobutadiene	ND	10	"							
Hexachlorocyclopentadiene	ND	10	"							
Hexachloroethane	ND	10	"							
Indeno (1,2,3-cd) pyrene	ND	10	"							
Isophorone	ND	5.0	"							
2-Methylnaphthalene	ND	5.0	"							
2-Methylphenol	ND	5.0	"							
4-Methylphenol	ND	5.0	"							
Naphthalene	ND	5.0	"							
2-Nitroaniline	ND	10	"							
3-Nitroaniline	ND	100	"							
4-Nitroaniline	ND	50	"							
Nitrobenzene	ND	5.0	"							
2-Nitrophenol	ND	5.0	"							
4-Nitrophenol	ND	10	"							
N-Nitrosodi-n-propylamine	ND	5.0	"							
N-Nitrosodiphenylamine	ND	10	"							
Pentachlorophenol	ND	10	"							
Phenanthrene	ND	5.0	"							
Phenol	ND	5.0	"							
Pyrene	ND	5.0	"							
1,2,4-Trichlorobenzene	ND	10	"							
2,4,5-Trichlorophenol	ND	5.0	"							
2,4,6-Trichlorophenol	ND	5.0	"							
Surrogate: 2-Fluorophenol	*76.7*		"	*100*		*77*	*25-121*			
Surrogate: Phenol-d6	*88.5*		"	*100*		*88*	*24-113*			
Surrogate: Nitrobenzene-d5	*39.6*		"	*50.0*		*79*	*23-120*			
Surrogate: 2-Fluorobiphenyl	*39.8*		"	*50.0*		*80*	*30-115*			
Surrogate: 2,4,6-Tribromophenol	*84.8*		"	*100*		*85*	*19-122*			
Surrogate: p-Terphenyl-d14	*42.5*		"	*50.0*		*85*	*18-137*			

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0623
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/02/05 13:37

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5F21026 - EPA 3550 Wipe / EPA 8270C										
Laboratory Control Sample (5F21026-BS1)				Prepared: 06/21/05 Analyzed: 06/22/05						
Acenaphthene	44.9	5.0	ug/Wipe	50.0		90	31-137			
Acenaphthylene	44.3	5.0	"	50.0		89	0-200			
Anthracene	46.2	5.0	"	50.0		92	0-200			
Benzo (a) anthracene	44.8	5.0	"	50.0		90	0-200			
Benzo (a) pyrene	45.3	5.0	"	50.0		91	0-200			
Benzo (b) fluoranthene	43.6	5.0	"	50.0		87	0-200			
Benzo (g,h,i) perylene	36.2	10	"	50.0		72	0-200			
Benzo (k) fluoranthene	43.6	5.0	"	50.0		87	0-200			
Benzyl alcohol	44.8	10	"	50.0		90	0-200			
Bis(2-chloroethoxy)methane	41.8	5.0	"	50.0		84	0-200			
Bis(2-chloroethyl)ether	27.4	10	"	50.0		55	0-200			
Bis(2-chloroisopropyl)ether	37.7	5.0	"	50.0		75	0-200			
Bis(2-ethylhexyl)phthalate	43.4	10	"	50.0		87	0-200			
4-Bromophenyl phenyl ether	40.9	5.0	"	50.0		82	0-200			
Butyl benzyl phthalate	43.6	5.0	"	50.0		87	0-200			
4-Chloroaniline	35.7	50	"	50.0		71	0-200			
2-Chloronaphthalene	41.1	5.0	"	50.0		82	0-200			
4-Chloro-3-methylphenol	45.5	5.0	"	50.0		91	26-103			
2-Chlorophenol	41.1	5.0	"	50.0		82	25-102			
4-Chlorophenyl phenyl ether	44.2	10	"	50.0		88	0-200			
Chrysene	42.5	5.0	"	50.0		85	0-200			
Dibenz (a,h) anthracene	37.3	5.0	"	50.0		75	0-200			
Dibenzofuran	44.1	5.0	"	50.0		88	0-200			
Di-n-butyl phthalate	48.5	5.0	"	50.0		97	0-200			
1,2-Dichlorobenzene	38.8	10	"	50.0		78	0-200			
1,3-Dichlorobenzene	39.0	10	"	50.0		78	0-200			
1,4-Dichlorobenzene	39.9	10	"	50.0		80	28-104			
2,4-Dichlorophenol	44.4	5.0	"	50.0		89	0-200			
Diethyl phthalate	46.6	5.0	"	50.0		93	0-200			
2,4-Dimethylphenol	38.5	10	"	50.0		77	0-200			
Dimethyl phthalate	43.7	5.0	"	50.0		87	0-200			
4,6-Dinitro-2-methylphenol	42.7	5.0	"	50.0		85	0-200			
2,4-Dinitrophenol	52.8	10	"	50.0		106	0-200			
2,4-Dinitrotoluene	47.2	5.0	"	50.0		94	28-89			QL06
2,6-Dinitrotoluene	45.9	5.0	"	50.0		92	0-200			
Di-n-octyl phthalate	43.2	10	"	50.0		86	0-200			

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0623
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/02/05 13:37

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5F21026 - EPA 3550 Wipe / EPA 8270C										
Laboratory Control Sample (5F21026-BS1)				Prepared: 06/21/05 Analyzed: 06/22/05						
Fluoranthene	52.5	5.0	ug/Wipe	50.0		105	0-200			
Fluorene	48.2	5.0	"	50.0		96	0-200			
Hexachlorobenzene	42.5	5.0	"	50.0		85	0-200			
Hexachlorobutadiene	41.0	10	"	50.0		82	0-200			
Hexachlorocyclopentadiene	41.7	10	"	50.0		83	0-200			
Hexachloroethane	37.6	10	"	50.0		75	0-200			
Indeno (1,2,3-cd) pyrene	47.6	10	"	50.0		95	0-200			
Isophorone	37.3	5.0	"	50.0		75	0-200			
2-Methylnaphthalene	45.3	5.0	"	50.0		91	0-200			
2-Methylphenol	43.3	5.0	"	50.0		87	0-200			
4-Methylphenol	48.2	5.0	"	25.0		193	0-200			
Naphthalene	44.6	5.0	"	50.0		89	0-200			
2-Nitroaniline	41.2	10	"	50.0		82	0-200			
3-Nitroaniline	36.0	100	"	50.0		72	0-200			
4-Nitroaniline	43.5	50	"	50.0		87	0-200			
Nitrobenzene	41.3	5.0	"	50.0		83	0-200			
2-Nitrophenol	42.8	5.0	"	50.0		86	0-200			
4-Nitrophenol	48.1	10	"	50.0		96	11-114			
N-Nitrosodi-n-propylamine	43.5	5.0	"	50.0		87	41-126			
N-Nitrosodiphenylamine	48.4	10	"	50.0		97	0-200			
Pentachlorophenol	47.0	10	"	50.0		94	17-109			
Phenanthrene	46.6	5.0	"	50.0		93	0-200			
Phenol	43.4	5.0	"	50.0		87	26-90			
Pyrene	40.8	5.0	"	50.0		82	35-142			
1,2,4-Trichlorobenzene	42.0	10	"	50.0		84	38-107			
2,4,5-Trichlorophenol	42.0	5.0	"	50.0		84	0-200			
2,4,6-Trichlorophenol	41.9	5.0	"	50.0		84	0-200			
Surrogate: 2-Fluorophenol	*80.6*		"	*100*		*81*	*25-121*			
Surrogate: Phenol-d6	*86.1*		"	*100*		*86*	*24-113*			
Surrogate: Nitrobenzene-d5	*40.4*		"	*50.0*		*81*	*23-120*			
Surrogate: 2-Fluorobiphenyl	*41.8*		"	*50.0*		*84*	*30-115*			
Surrogate: 2,4,6-Tribromophenol	*85.9*		"	*100*		*86*	*19-122*			
Surrogate: p-Terphenyl-d14	*39.6*		"	*50.0*		*79*	*18-137*			

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0623
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/02/05 13:37

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5F21026 - EPA 3550 Wipe / EPA 8270C										
Laboratory Control Sample Dup (5F21026-BSD1)				Prepared: 06/21/05 Analyzed: 06/22/05						
Acenaphthene	45.8	5.0	ug/Wipe	50.0		92	31-137	2	40	
Acenaphthylene	45.6	5.0	"	50.0		91	0-200	3	200	
Anthracene	47.7	5.0	"	50.0		95	0-200	3	200	
Benzo (a) anthracene	47.7	5.0	"	50.0		95	0-200	6	200	
Benzo (a) pyrene	47.9	5.0	"	50.0		96	0-200	6	200	
Benzo (b) fluoranthene	47.0	5.0	"	50.0		94	0-200	8	200	
Benzo (g,h,i) perylene	38.3	10	"	50.0		77	0-200	6	200	
Benzo (k) fluoranthene	44.5	5.0	"	50.0		89	0-200	2	200	
Benzyl alcohol	47.6	10	"	50.0		95	0-200	6	200	
Bis(2-chloroethoxy)methane	42.8	5.0	"	50.0		86	0-200	2	200	
Bis(2-chloroethyl)ether	27.6	10	"	50.0		55	0-200	0.7	200	
Bis(2-chloroisopropyl)ether	38.6	5.0	"	50.0		77	0-200	2	200	
Bis(2-ethylhexyl)phthalate	46.4	10	"	50.0		93	0-200	7	200	
4-Bromophenyl phenyl ether	42.7	5.0	"	50.0		85	0-200	4	200	
Butyl benzyl phthalate	46.2	5.0	"	50.0		92	0-200	6	200	
4-Chloroaniline	37.9	50	"	50.0		76	0-200	6	200	
2-Chloronaphthalene	40.6	5.0	"	50.0		81	0-200	1	200	
4-Chloro-3-methylphenol	50.3	5.0	"	50.0		101	26-103	10	40	
2-Chlorophenol	42.4	5.0	"	50.0		85	25-102	3	40	
4-Chlorophenyl phenyl ether	47.1	10	"	50.0		94	0-200	6	200	
Chrysene	44.1	5.0	"	50.0		88	0-200	4	200	
Dibenz (a,h) anthracene	39.9	5.0	"	50.0		80	0-200	7	200	
Dibenzofuran	46.2	5.0	"	50.0		92	0-200	5	200	
Di-n-butyl phthalate	49.7	5.0	"	50.0		99	0-200	2	200	
1,2-Dichlorobenzene	39.7	10	"	50.0		79	0-200	2	200	
1,3-Dichlorobenzene	39.1	10	"	50.0		78	0-200	0.3	200	
1,4-Dichlorobenzene	40.1	10	"	50.0		80	28-104	0.5	40	
2,4-Dichlorophenol	45.8	5.0	"	50.0		92	0-200	3	200	
Diethyl phthalate	52.0	5.0	"	50.0		104	0-200	11	200	
2,4-Dimethylphenol	37.7	10	"	50.0		75	0-200	2	200	
Dimethyl phthalate	47.3	5.0	"	50.0		95	0-200	8	200	
4,6-Dinitro-2-methylphenol	45.6	5.0	"	50.0		91	0-200	7	200	
2,4-Dinitrophenol	58.4	10	"	50.0		117	0-200	10	200	
2,4-Dinitrotoluene	53.9	5.0	"	50.0		108	28-89	13	40	QL06
2,6-Dinitrotoluene	50.2	5.0	"	50.0		100	0-200	9	200	
Di-n-octyl phthalate	46.2	10	"	50.0		92	0-200	7	200	

Sequoia Analytical

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0623
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/02/05 13:37

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5F21026 - EPA 3550 Wipe / EPA 8270C										
Laboratory Control Sample Dup (5F21026-BSD1)				Prepared: 06/21/05 Analyzed: 06/22/05						
Fluoranthene	53.0	5.0	ug/Wipe	50.0		106	0-200	0.9	200	
Fluorene	51.6	5.0	"	50.0		103	0-200	7	200	
Hexachlorobenzene	43.6	5.0	"	50.0		87	0-200	3	200	
Hexachlorobutadiene	40.4	10	"	50.0		81	0-200	1	200	
Hexachlorocyclopentadiene	40.0	10	"	50.0		80	0-200	4	200	
Hexachloroethane	39.0	10	"	50.0		78	0-200	4	200	
Indeno (1,2,3-cd) pyrene	50.3	10	"	50.0		101	0-200	6	200	
Isophorone	39.1	5.0	"	50.0		78	0-200	5	200	
2-Methylnaphthalene	46.7	5.0	"	50.0		93	0-200	3	200	
2-Methylphenol	44.2	5.0	"	50.0		88	0-200	2	200	
4-Methylphenol	50.8	5.0	"	25.0		203	0-200	5	200	QL06
Naphthalene	45.0	5.0	"	50.0		90	0-200	0.9	200	
2-Nitroaniline	45.0	10	"	50.0		90	0-200	9	200	
3-Nitroaniline	38.5	100	"	50.0		77	0-200	7	200	
4-Nitroaniline	46.6	50	"	50.0		93	0-200	7	200	
Nitrobenzene	41.8	5.0	"	50.0		84	0-200	1	200	
2-Nitrophenol	43.1	5.0	"	50.0		86	0-200	0.7	200	
4-Nitrophenol	52.7	10	"	50.0		105	11-114	9	40	
N-Nitrosodi-n-propylamine	45.7	5.0	"	50.0		91	41-126	5	40	
N-Nitrosodiphenylamine	50.1	10	"	50.0		100	0-200	3	200	
Pentachlorophenol	46.8	10	"	50.0		94	17-109	0.4	40	
Phenanthrene	49.1	5.0	"	50.0		98	0-200	5	200	
Phenol	44.6	5.0	"	50.0		89	26-90	3	40	
Pyrene	43.9	5.0	"	50.0		88	35-142	7	40	
1,2,4-Trichlorobenzene	41.5	10	"	50.0		83	38-107	1	40	
2,4,5-Trichlorophenol	43.1	5.0	"	50.0		86	0-200	3	200	
2,4,6-Trichlorophenol	43.2	5.0	"	50.0		86	0-200	3	200	
Surrogate: 2-Fluorophenol	*82.2*		*"*	*100*		*82*	*25-121*			
Surrogate: Phenol-d6	*90.5*		*"*	*100*		*90*	*24-113*			
Surrogate: Nitrobenzene-d5	*40.9*		*"*	*50.0*		*82*	*23-120*			
Surrogate: 2-Fluorobiphenyl	*40.8*		*"*	*50.0*		*82*	*30-115*			
Surrogate: 2,4,6-Tribromophenol	*89.7*		*"*	*100*		*90*	*19-122*			
Surrogate: p-Terphenyl-d14	*43.2*		*"*	*50.0*		*86*	*18-137*			

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0623
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/02/05 13:37

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5060031 - EPA 3580A Waste Dil / GCMS-SIM										
Blank (5060031-BLK1)				Prepared: 06/21/05 Analyzed: 06/22/05						
Naphthalene	ND	530	ug/Wipe							
Acenaphthylene	ND	530	"							
Acenaphthene	ND	530	"							
Fluorene	ND	530	"							
Phenanthrene	ND	530	"							
Anthracene	ND	530	"							
Fluoranthene	ND	530	"							
Pyrene	ND	530	"							
Benzo (a) anthracene	ND	530	"							
Chrysene	ND	530	"							
Benzo (b+k) fluoranthene (total)	ND	1100	"							
Benzo (b) fluoranthene	ND	530	"							
Benzo (k) fluoranthene	ND	530	"							
Benzo (a) pyrene	ND	530	"							
Indeno (1,2,3-cd) pyrene	ND	530	"							
Benzo (g,h,i) perylene	ND	530	"							
Dibenz (a,h) anthracene	ND	530	"							
Surrogate: Nitrobenzene-d5	*99.4*		*"*	*100*		*99*	*30-101*			
Surrogate: 2-Fluorobiphenyl	*101*		*"*	*100*		*101*	*21-111*			
Surrogate: Terphenyl-d14	*98.2*		*"*	*100*		*98*	*38-123*			

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0623
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/02/05 13:37

Notes and Definitions

QL06	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
QB02	The method blank contains this analyte at a concentration above the method reporting limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

State of California
California Environmental Protection Agency

MOF 6423

Department of Toxic Substances Control
Hazardous Materials Laboratories

HAZARDOUS MATERIALS SAMPLE ANALYSIS REQUEST

1. Authorization Number

HML No. To

2. Page 1 of 2

3. REQUESTOR: VIDAIR / PETREAS 4. Phone (510) 540 -3003

5. ADDRESS (To Receive Results) 6. FAX ( ) -2305

700 HEINZ AVE SUITE 100
BERKELEY CA 94710

7. TAT Level: (check one)

☐ *1 ☐ 2 ☐ 3 ☐ 4

* Unit Chief's Signature

8. DATE SAMPLED: 6/15/05

9. Codes (fill in all applicable codes)

a. Office
b. INDEX
c. PCA
d. MPC
e. SITE
f. County

10. ACTIVITY: ☐ SCD ☐ SRPD ☐ CIB ☐ SMB ☐ FPB ☐ SPPT ☐ Others

11. SAMPLING LOCATION

a. EPA ID No.

b. Site OEHHA PLAYGROUND STUDY

c. Address

Number Street City ZIP

12. SAMPLES:

a. ID	b. Collector's No.	c. HML No.	Sample d. Type	Container e. Type	f. Size	g. Field Information
A	A	POLYESTER WIPE WETTED WATER				GLASS JAR 8 OZ
B	B	"				"
C	C	"				"
D	D	"				"
E	E	"				"
F	F	"				"

13. ANALYSIS REQUESTED: (X desired analysis and enter I.Ds from 12.a.)

	INORGANIC ANALYSIS	Sample(s) ID
	pH	
X	Metals Scan ~~(6010)~~ 6020	A, B, C
	Metal(s) Specific	
	WET	
	Cyanides	
X	Hg 7471 (others, write in)	D, E, F
	(others, write in)	

	TCLP Analysis (only if necessary) (do TCLP regardless)	
	Metals	
	Mercury	
	Volatiles	
	Semivolatiles	
	(others, write in)	

	ORGANIC ANALYSIS	Sample(s) ID
	CL-Pesticides (8081)	
	OP-Pesticides (8141)	
	PCBs (8082)	
	G R O (8015B)	
	D R O / Motor Oil / Both (circle one)	
	n-Hexane Extractables (1664)	
	Flash Point (1020)	
	VOCs Including BTEX (8260)	
	VOCs - LO Level (5035)	
	VOCs - HI Level (5035)	
	SVOCs (8270)	
	PAHs (8270)	
	(others, write in)	

14. ANALYSIS OBJECTIVE: (check a box)

☐ Waste Characterization ☐ Treatment Standards
☐ Drinking H_2O Standards (applies to DW only) X Others (contact Lab supervisors first)

15. DETECTION LIMIT REQUIREMENTS: (specify if known and contact lab) AS LOW AS POSSIBLE

16. SUPPLEMENTAL REQUESTS

Initials
Date

17. LAB REMARKS:
POLYESTER WIPES WETTED WITH WATER IN 8 OZ JARS

18. CHAIN OF CUSTODY:

	Signature(s)	Name(s) / Title (s)	Inclusive Dates of Custody
a.		Dinesh Chand	06/15/05 to 06/16/05
b.		MAURICE	06/16/05 to
c.		PEDRO HUFANO / DM	6/16/05 to
d.			to

FIELD COC

DTSC 1116H (REV 6/00) Make Photocopies for your File NLY

State of California
California Environmental Protection Agency

MDF0623

Department of Toxic Substances Control
Hazardous Materials Laboratories

HAZARDOUS MATERIALS SAMPLE ANALYSIS REQUEST

1. Authorization Number | HML No. / To | 2. Page 2 of 2

3. REQUESTOR: VIDAIR / PETREAS 4. Phone ( ) -

5. ADDRESS (To Receive Results) 6. FAX ( ) -

700 HEINZ AVE, SUIT 100
BERKELEY, CA 94710

7. TAT Level: (check one) *1 2 3 4

* Unit Chief's Signature

8. DATE SAMPLED: 6/15/05

9. Codes (fill in all applicable codes)
a. Office
b. INDEX
c. PCA
d. MPC
e. SITE
f. County

10. ACTIVITY: ☐ SCD ☐ SRPD ☐ CIB ☐ SMB ☐ FPB ☐ SPPT ☐ Others

11. SAMPLING LOCATION
a. EPA ID No.
b. Site OEHHA PLAYGROUND STUDY
c. Address
Number Street City ZIP

12. SAMPLES:

a. ID	b. Collector's No.	c. HML No.	Sample d. Type	Container e. Type	f. Size	g. Field Information
A	G	POLYESTER	WIPE	WETTED	WITH WATER IN 8 OZ JAR	
B	H				"	
C	I				"	
D	J	POLYESTER	WIPE	WETTED	ISOPROPYL ALCOHOL 8 OZ JAR	
E	K				"	
F	L				"	

13. ANALYSIS REQUESTED: (X desired analysis and enter I.Ds from 12.a.)

INORGANIC ANALYSIS	Sample(s) ID
☐ pH	
☐ Metals Scan (6010)	
☐ Metal(s) Specific	
☐ WET	
☐ Cyanides	
☐ (others, write in)	
☐ (others, write in)	
TCLP Analysis (only if necessary) ☐ (do TCLP regardless) ☐	
☐ Metals	
☐ Mercury	
☐ Volatiles	
☐ Semivolatiles	
☐ (others, write in)	

ORGANIC ANALYSIS	Sample(s) ID
☐ CL-Pesticides (8081)	
☐ OP-Pesticides (8141)	
☐ PCBs (8082)	
☐ G R O (8015B)	
☐ D R O / Motor Oil / Both (circle one)	
☐ n-Hexane Extractables (1664)	
☐ Flash Point (1020)	
☐ VOCs Including BTEX (8260)	
☐ VOCs - LO Level (5035)	
☐ VOCs - HI Level (5035)	
X SVOCs (8270)	G, H, I
X PAHs (8270) / SIM	J, K, L
☐ (others, write in)	

14. ANALYSIS OBJECTIVE: (check a box)
☐ Waste Characterization ☐ Treatment Standards
☐ Drinking H_2O Standards (applies to DW only) X Others (contact Lab supervisors first)

15. DETECTION LIMIT REQUIREMENTS: (specify if known and contact lab) AS LOW AS POSSIBLE

16. SUPPLEMENTAL REQUESTS Initials Date

17. LAB REMARKS:
POLYESTER WIPES WETTED WITH WATER OF ISOPROPYL ALCOHOL IN 8 OZ JARS

18. CHAIN OF CUSTODY:

	Signature(s)	Name(s) / Title (s)	Inclusive Dates of Custody
a.		Daniel Chu	06/15/05 to 06/16/05
b.		MAURICE	06/16/05 to
c.		PEDRO HUFANO / DM	6/16/05 to
d.			to

FIELD COPY

California Department of Toxic Substances Control
Hazardous Materials Laboratory
700 Heinz Avenue, Suite#150, Berkeley, CA 94710

MOF 6623

SAMPLE / SAMPLE EXTRACT TRANSPORT CUSTODY

Receiving Lab / Section: Sequoia Analytical Lab.

Sample Collection Site: OEHHA PLAYGROUND STUDY

HML # or Collector's #	Sample Type *	Analysis Requested	Location of Sample (s)	Remarks
A TO L	Polyester wipe -	SAR.		

- **OSC** = original sample container; **SS** = split sample; **A** = Aliquot; **C** = Citrate WET; **E** = Extract; **D** = acid digest; **T** = TCLP extract.

Release for transport by: Dinesh Chand Time / Date 6/16/05 1:40pm

Transported to: Sequoia Lab/ GC/MS/ Org sec / Inorg sec/ Fed Ex / Others
By: _____ Time / Date 6/16/05 1:40pm TO 1920

Received by : _____ SEQMH Time / Date 6/16/05 1920

Returned to HML by: _____ Time / Date _____

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: DTSC
REC. BY (PRINT): PH
WORKORDER: M0F0423

DATE REC'D AT LAB: 6/16/05
TIME REC'D AT LAB: 1920
DATE LOGGED IN: 6-16-05

For Regulatory Purposes?
DRINKING WATER: YES / (NO)
WASTE WATER: YES / (NO)

(For clients requiring preservation checks at receipt, document here ⬇)

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s): Present / (Absent); Intact / Broken*	01		A	8 oz JAR	—	—	WIPE	6/15/05	
2. Chain-of-Custody: (Present) / Absent*	02		B						
3. Traffic Reports or Packing List: Present / (Absent)	03		C						
4. Airbill: Airbill / Sticker Present / (Absent)	04		D						
5. Airbill #:	05		E						
6. Sample Labels: (Present) / Absent	06		F						
7. Sample IDs: (Listed) / Not Listed on Chain-of-Custody	07		G						
8. Sample Condition: (Intact) / Broken* / Leaking*	08		H						
	09		I						
	10		J						
	11		K						
	12		L	4	4	0	4	4	
9. Does information on chain-of-custody, traffic reports and sample labels agree? (Yes) / No*									
10. Sample received within hold time? (Yes) / No*									
11. Adequate sample volume received? (Yes) / No*									
12. Proper Preservatives used? (Yes) / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / (No*)									
14. Temp Rec. at Lab: 4-6 °C. Is temp 4 +/-2°C? (Yes) / No**									

(Acceptance range for samples requiring thermal pres.)

**Exception (if any): METALS / DFF ON ICE or Problem COC

6/16/05

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

Sequoia Analytical

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4 August, 2005

Myrto Petreas
Dept. of Toxic Substances Contol-Berkeley
700 Heinz Avenue, Suite 100
Berkeley, CA 94710

RE: OEHHA Playground Study
Work Order: MOF0858

Enclosed are the results of analyses for samples received by the laboratory on 06/23/05 16:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Theresa Allen
Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0858
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:42

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
A	MOF0858-01	Wipe	06/21/05 00:00	06/23/05 16:30
B	MOF0858-02	Wipe	06/21/05 00:00	06/23/05 16:30
C	MOF0858-03	Wipe	06/21/05 00:00	06/23/05 16:30
D	MOF0858-04	Wipe	06/21/05 00:00	06/23/05 16:30
E	MOF0858-05	Wipe	06/21/05 00:00	06/23/05 16:30
F	MOF0858-06	Wipe	06/21/05 00:00	06/23/05 16:30
G	MOF0858-07	Wipe	06/21/05 00:00	06/23/05 16:30
H	MOF0858-08	Wipe	06/21/05 00:00	06/23/05 16:30
I	MOF0858-09	Wipe	06/21/05 00:00	06/23/05 16:30
J	MOF0858-10	Wipe	06/21/05 00:00	06/23/05 16:30
K	MOF0858-11	Wipe	06/21/05 00:00	06/23/05 16:30
L	MOF0858-12	Wipe	06/21/05 00:00	06/23/05 16:30

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0858
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:42

Total Metals by EPA 6020 ICPMS

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
A (MOF0858-01) Wipe	**Sampled: 06/21/05 00:00**	**Received: 06/23/05 16:30**							
Aluminum	**370**	2.0	ug/Wipe	20	5G05011	06/27/05	07/05/05	EPA 6020	
B (MOF0858-02) Wipe	**Sampled: 06/21/05 00:00**	**Received: 06/23/05 16:30**							
Aluminum	**370**	2.0	ug/Wipe	20	5G05011	06/27/05	07/05/05	EPA 6020	
C (MOF0858-03) Wipe	**Sampled: 06/21/05 00:00**	**Received: 06/23/05 16:30**							
Aluminum	**330**	2.0	ug/Wipe	20	5G05011	06/27/05	07/05/05	EPA 6020	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0858
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:42

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
A (MOF0858-01) Wipe Sampled: 06/21/05 00:00 Received: 06/23/05 16:30									
Calcium	**410**	12	ug/Wipe	1	5F27021	06/27/05	06/28/05	EPA 6010B	
Iron	**720**	5.0	"	"	"	"	"	"	
Potassium	**150**	100	"	"	"	"	"	"	
Antimony	**130**	1.0	"	20	5G05011	"	07/05/05	EPA 6020	
Arsenic	ND	1.0	"	"	"	"	"	"	
Barium	ND	5.0	"	"	"	"	"	"	
Beryllium	ND	0.20	"	"	"	"	"	"	
Cadmium	ND	0.60	"	"	"	"	"	"	
Chromium	ND	10	"	"	"	"	"	"	
Cobalt	ND	2.0	"	"	"	"	"	"	
Copper	ND	5.0	"	"	"	"	"	"	
Lead	ND	5.0	"	"	"	"	"	"	
Molybdenum	ND	2.0	"	"	"	"	"	"	
Nickel	ND	8.0	"	"	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	"	"	
Silver	ND	1.0	"	"	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	"	"	
Vanadium	ND	2.0	"	"	"	"	"	"	
Zinc	**100**	10	"	"	"	"	"	"	
Magnesium	**210**	2.5	"	1	5F27021	"	06/28/05	EPA 6010B	
B (MOF0858-02) Wipe Sampled: 06/21/05 00:00 Received: 06/23/05 16:30									
Calcium	**400**	12	ug/Wipe	1	5F27021	06/27/05	06/28/05	EPA 6010B	
Iron	**650**	5.0	"	"	"	"	"	"	
Potassium	**140**	100	"	"	"	"	"	"	
Antimony	**210**	1.0	"	20	5G05011	"	07/05/05	EPA 6020	
Arsenic	ND	1.0	"	"	"	"	"	"	
Barium	ND	5.0	"	"	"	"	"	"	
Beryllium	ND	0.20	"	"	"	"	"	"	
Cadmium	ND	0.60	"	"	"	"	"	"	
Chromium	ND	10	"	"	"	"	"	"	
Cobalt	ND	2.0	"	"	"	"	"	"	
Copper	ND	5.0	"	"	"	"	"	"	
Lead	ND	5.0	"	"	"	"	"	"	
Molybdenum	ND	2.0	"	"	"	"	"	"	
Nickel	ND	8.0	"	"	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	"	"	
Silver	ND	1.0	"	"	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	"	"	
Vanadium	ND	2.0	"	"	"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0858
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:42

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B (MOF0858-02) Wipe Sampled: 06/21/05 00:00 Received: 06/23/05 16:30									
Zinc	**110**	10	ug/Wipe	20	5G05011	06/27/05	07/05/05	EPA 6020	
Magnesium	**210**	2.5	"	1	5F27021	"	06/28/05	EPA 6010B	
C (MOF0858-03) Wipe Sampled: 06/21/05 00:00 Received: 06/23/05 16:30									
Calcium	**1300**	12	ug/Wipe	1	5F27021	06/27/05	06/28/05	EPA 6010B	
Iron	**670**	5.0	"	"	"	"	"	"	
Potassium	**120**	100	"	"	"	"	"	"	
Antimony	**170**	1.0	"	20	5G05011	"	07/05/05	EPA 6020	
Arsenic	ND	1.0	"	"	"	"	"	"	
Barium	ND	5.0	"	"	"	"	"	"	
Beryllium	ND	0.20	"	"	"	"	"	"	
Cadmium	ND	0.60	"	"	"	"	"	"	
Chromium	ND	10	"	"	"	"	"	"	
Cobalt	ND	2.0	"	"	"	"	"	"	
Copper	ND	5.0	"	"	"	"	"	"	
Lead	ND	5.0	"	"	"	"	"	"	
Molybdenum	ND	2.0	"	"	"	"	"	"	
Nickel	ND	8.0	"	"	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	"	"	
Silver	ND	1.0	"	"	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	"	"	
Vanadium	ND	2.0	"	"	"	"	"	"	
Zinc	**26**	10	"	"	"	"	"	"	
Magnesium	**220**	2.5	"	1	5F27021	"	06/28/05	EPA 6010B	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0858
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:42

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
D (MOF0858-04) Wipe Sampled: 06/21/05 00:00 Received: 06/23/05 16:30									
Mercury	ND	0.0050	ug/Wipe	1	5F27009	06/27/05	06/27/05	EPA 7471A	
E (MOF0858-05) Wipe Sampled: 06/21/05 00:00 Received: 06/23/05 16:30									
Mercury	ND	0.0050	ug/Wipe	1	5F27009	06/27/05	06/27/05	EPA 7471A	
F (MOF0858-06) Wipe Sampled: 06/21/05 00:00 Received: 06/23/05 16:30									
Mercury	ND	0.0050	ug/Wipe	1	5F27009	06/27/05	06/27/05	EPA 7471A	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0858
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:42

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G (MOF0858-07) Wipe Sampled: 06/21/05 00:00 Received: 06/23/05 16:30									
Acenaphthene	ND	5.0	ug/Wipe	1	5F27024	06/27/05	06/28/05	EPA 8270C	
Acenaphthylene	ND	5.0	"	"	"	"	"	"	
Anthracene	ND	5.0	"	"	"	"	"	"	
Benzo (a) anthracene	ND	5.0	"	"	"	"	"	"	
Benzo (a) pyrene	ND	5.0	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	5.0	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	10	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	5.0	"	"	"	"	"	"	
Benzoic acid	ND	10	"	"	"	"	"	"	
Benzyl alcohol	ND	10	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	5.0	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	10	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	5.0	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	10	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	5.0	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	5.0	"	"	"	"	"	"	
4-Chloroaniline	ND	50	"	"	"	"	"	"	
2-Chloronaphthalene	ND	5.0	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	5.0	"	"	"	"	"	"	
2-Chlorophenol	ND	5.0	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	10	"	"	"	"	"	"	
Chrysene	ND	5.0	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	5.0	"	"	"	"	"	"	
Dibenzofuran	ND	5.0	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	10	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	50	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	5.0	"	"	"	"	"	"	
Diethyl phthalate	ND	5.0	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	10	"	"	"	"	"	"	
Dimethyl phthalate	ND	5.0	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	5.0	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	5.0	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	5.0	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	10	"	"	"	"	"	"	
Fluoranthene	ND	5.0	"	"	"	"	"	"	
Fluorene	ND	5.0	"	"	"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0858
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:42

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G (MOF0858-07) Wipe Sampled: 06/21/05 00:00 Received: 06/23/05 16:30									
Hexachlorobenzene	ND	5.0	ug/Wipe	1	5F27024	06/27/05	06/28/05	EPA 8270C	
Hexachlorobutadiene	ND	10	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	"	"	"	"	"	"	
Hexachloroethane	ND	10	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	10	"	"	"	"	"	"	
Isophorone	ND	5.0	"	"	"	"	"	"	
2-Methylnaphthalene	ND	5.0	"	"	"	"	"	"	
2-Methylphenol	ND	5.0	"	"	"	"	"	"	
4-Methylphenol	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
2-Nitroaniline	ND	10	"	"	"	"	"	"	
3-Nitroaniline	ND	100	"	"	"	"	"	"	
4-Nitroaniline	ND	50	"	"	"	"	"	"	
Nitrobenzene	ND	5.0	"	"	"	"	"	"	
2-Nitrophenol	ND	5.0	"	"	"	"	"	"	
4-Nitrophenol	ND	10	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	5.0	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	10	"	"	"	"	"	"	
Pentachlorophenol	ND	10	"	"	"	"	"	"	
Phenanthrene	ND	5.0	"	"	"	"	"	"	
Phenol	ND	5.0	"	"	"	"	"	"	
Pyrene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	10	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	5.0	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	5.0	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*76 %*	*25-121*		"	"	"	"	
Surrogate: Phenol-d6		*87 %*	*24-113*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*77 %*	*23-120*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*79 %*	*30-115*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*86 %*	*19-122*		"	"	"	"	
Surrogate: p-Terphenyl-d14		*72 %*	*18-137*		"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0858
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:42

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
H (MOF0858-08) Wipe Sampled: 06/21/05 00:00 Received: 06/23/05 16:30									
Acenaphthene	ND	5.0	ug/Wipe	1	5F27024	06/27/05	06/28/05	EPA 8270C	
Acenaphthylene	ND	5.0	"	"	"	"	"	"	
Anthracene	ND	5.0	"	"	"	"	"	"	
Benzo (a) anthracene	ND	5.0	"	"	"	"	"	"	
Benzo (a) pyrene	ND	5.0	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	5.0	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	10	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	5.0	"	"	"	"	"	"	
Benzoic acid	ND	10	"	"	"	"	"	"	
Benzyl alcohol	ND	10	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	5.0	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	10	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	5.0	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	10	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	5.0	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	5.0	"	"	"	"	"	"	
4-Chloroaniline	ND	50	"	"	"	"	"	"	
2-Chloronaphthalene	ND	5.0	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	5.0	"	"	"	"	"	"	
2-Chlorophenol	ND	5.0	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	10	"	"	"	"	"	"	
Chrysene	ND	5.0	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	5.0	"	"	"	"	"	"	
Dibenzofuran	ND	5.0	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	10	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	50	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	5.0	"	"	"	"	"	"	
Diethyl phthalate	ND	5.0	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	10	"	"	"	"	"	"	
Dimethyl phthalate	ND	5.0	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	5.0	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	5.0	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	5.0	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	10	"	"	"	"	"	"	
Fluoranthene	ND	5.0	"	"	"	"	"	"	
Fluorene	ND	5.0	"	"	"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0858
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:42

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
H (MOF0858-08) Wipe Sampled: 06/21/05 00:00 Received: 06/23/05 16:30									
Hexachlorobenzene	ND	5.0	ug/Wipe	1	5F27024	06/27/05	06/28/05	EPA 8270C	
Hexachlorobutadiene	ND	10	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	"	"	"	"	"	"	
Hexachloroethane	ND	10	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	10	"	"	"	"	"	"	
Isophorone	ND	5.0	"	"	"	"	"	"	
2-Methylnaphthalene	ND	5.0	"	"	"	"	"	"	
2-Methylphenol	ND	5.0	"	"	"	"	"	"	
4-Methylphenol	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
2-Nitroaniline	ND	10	"	"	"	"	"	"	
3-Nitroaniline	ND	100	"	"	"	"	"	"	
4-Nitroaniline	ND	50	"	"	"	"	"	"	
Nitrobenzene	ND	5.0	"	"	"	"	"	"	
2-Nitrophenol	ND	5.0	"	"	"	"	"	"	
4-Nitrophenol	ND	10	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	5.0	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	10	"	"	"	"	"	"	
Pentachlorophenol	ND	10	"	"	"	"	"	"	
Phenanthrene	ND	5.0	"	"	"	"	"	"	
Phenol	ND	5.0	"	"	"	"	"	"	
Pyrene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	10	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	5.0	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	5.0	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*78 %*	*25-121*		"	"	"	"	
Surrogate: Phenol-d6		*91 %*	*24-113*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*78 %*	*23-120*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*79 %*	*30-115*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*89 %*	*19-122*		"	"	"	"	
Surrogate: p-Terphenyl-d14		*68 %*	*18-137*		"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0858
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:42

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
I (MOF0858-09) Wipe Sampled: 06/21/05 00:00 Received: 06/23/05 16:30									
Acenaphthene	ND	5.0	ug/Wipe	1	5F27024	06/27/05	06/28/05	EPA 8270C	
Acenaphthylene	ND	5.0	"	"	"	"	"	"	
Anthracene	ND	5.0	"	"	"	"	"	"	
Benzo (a) anthracene	ND	5.0	"	"	"	"	"	"	
Benzo (a) pyrene	ND	5.0	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	5.0	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	10	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	5.0	"	"	"	"	"	"	
Benzoic acid	ND	10	"	"	"	"	"	"	
Benzyl alcohol	ND	10	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	5.0	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	10	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	5.0	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	10	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	5.0	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	5.0	"	"	"	"	"	"	
4-Chloroaniline	ND	50	"	"	"	"	"	"	
2-Chloronaphthalene	ND	5.0	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	5.0	"	"	"	"	"	"	
2-Chlorophenol	ND	5.0	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	10	"	"	"	"	"	"	
Chrysene	ND	5.0	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	5.0	"	"	"	"	"	"	
Dibenzofuran	ND	5.0	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	10	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	50	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	5.0	"	"	"	"	"	"	
Diethyl phthalate	ND	5.0	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	10	"	"	"	"	"	"	
Dimethyl phthalate	ND	5.0	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	5.0	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	5.0	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	5.0	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	10	"	"	"	"	"	"	
Fluoranthene	ND	5.0	"	"	"	"	"	"	
Fluorene	ND	5.0	"	"	"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0858
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:42

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
I (MOF0858-09) Wipe Sampled: 06/21/05 00:00 Received: 06/23/05 16:30									
Hexachlorobenzene	ND	5.0	ug/Wipe	1	5F27024	06/27/05	06/28/05	EPA 8270C	
Hexachlorobutadiene	ND	10	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	"	"	"	"	"	"	
Hexachloroethane	ND	10	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	10	"	"	"	"	"	"	
Isophorone	ND	5.0	"	"	"	"	"	"	
2-Methylnaphthalene	ND	5.0	"	"	"	"	"	"	
2-Methylphenol	ND	5.0	"	"	"	"	"	"	
4-Methylphenol	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
2-Nitroaniline	ND	10	"	"	"	"	"	"	
3-Nitroaniline	ND	100	"	"	"	"	"	"	
4-Nitroaniline	ND	50	"	"	"	"	"	"	
Nitrobenzene	ND	5.0	"	"	"	"	"	"	
2-Nitrophenol	ND	5.0	"	"	"	"	"	"	
4-Nitrophenol	ND	10	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	5.0	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	10	"	"	"	"	"	"	
Pentachlorophenol	ND	10	"	"	"	"	"	"	
Phenanthrene	ND	5.0	"	"	"	"	"	"	
Phenol	ND	5.0	"	"	"	"	"	"	
Pyrene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	10	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	5.0	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	5.0	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*79 %*	*25-121*		"	"	"	"	
Surrogate: Phenol-d6		*93 %*	*24-113*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*82 %*	*23-120*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*82 %*	*30-115*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*91 %*	*19-122*		"	"	"	"	
Surrogate: p-Terphenyl-d14		*77 %*	*18-137*		"	"	"	"	

Sequoia Analytical

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0858
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:42

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
J (MOF0858-10) Wipe Sampled: 06/21/05 00:00 Received: 06/23/05 16:30									
Naphthalene	ND	66	ug/Wipe	1	5060042	06/30/05	08/03/05	GCMS-SIM	
Acenaphthylene	ND	66	"	"	"	"	"	"	
Acenaphthene	ND	66	"	"	"	"	"	"	
Fluorene	ND	66	"	"	"	"	"	"	
Phenanthrene	ND	66	"	"	"	"	"	"	
Anthracene	ND	66	"	"	"	"	"	"	
Fluoranthene	ND	66	"	"	"	"	"	"	
Pyrene	ND	66	"	"	"	"	"	"	
Benzo (a) anthracene	ND	66	"	"	"	"	"	"	
Chrysene	ND	66	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	130	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	66	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	66	"	"	"	"	"	"	
Benzo (a) pyrene	ND	66	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	66	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	66	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	66	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5		*35 %*	*50-150*		"	"	"	"	*S02*
Surrogate: 2-Fluorobiphenyl		*44 %*	*50-150*		"	"	"	"	*S02*
Surrogate: Terphenyl-d14		*77 %*	*50-150*		"	"	"	"	
K (MOF0858-11) Wipe Sampled: 06/21/05 00:00 Received: 06/23/05 16:30									
Naphthalene	ND	66	ug/Wipe	1	5060042	06/30/05	08/03/05	GCMS-SIM	
Acenaphthylene	ND	66	"	"	"	"	"	"	
Acenaphthene	ND	66	"	"	"	"	"	"	
Fluorene	ND	66	"	"	"	"	"	"	
Phenanthrene	ND	66	"	"	"	"	"	"	
Anthracene	ND	66	"	"	"	"	"	"	
Fluoranthene	ND	66	"	"	"	"	"	"	
Pyrene	ND	66	"	"	"	"	"	"	
Benzo (a) anthracene	ND	66	"	"	"	"	"	"	
Chrysene	ND	66	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	130	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	66	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	66	"	"	"	"	"	"	
Benzo (a) pyrene	ND	66	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	66	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	66	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	66	"	"	"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0858
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:42

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
K (MOF0858-11) Wipe Sampled: 06/21/05 00:00 Received: 06/23/05 16:30									
Surrogate: Nitrobenzene-d5		*52 %*	*50-150*		*5060042*	*06/30/05*	*08/03/05*	*GCMS-SIM*	
Surrogate: 2-Fluorobiphenyl		*58 %*	*50-150*		"	"	"	"	
Surrogate: Terphenyl-d14		*86 %*	*50-150*		"	"	"	"	
L (MOF0858-12) Wipe Sampled: 06/21/05 00:00 Received: 06/23/05 16:30									
Naphthalene	ND	66	ug/Wipe	1	5060042	06/30/05	08/03/05	GCMS-SIM	
Acenaphthylene	ND	66	"	"	"	"	"	"	
Acenaphthene	ND	66	"	"	"	"	"	"	
Fluorene	ND	66	"	"	"	"	"	"	
Phenanthrene	ND	66	"	"	"	"	"	"	
Anthracene	ND	66	"	"	"	"	"	"	
Fluoranthene	ND	66	"	"	"	"	"	"	
Pyrene	ND	66	"	"	"	"	"	"	
Benzo (a) anthracene	ND	66	"	"	"	"	"	"	
Chrysene	ND	66	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	130	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	66	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	66	"	"	"	"	"	"	
Benzo (a) pyrene	ND	66	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	66	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	66	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	66	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5		*37 %*	*50-150*		"	"	"	"	*S02*
Surrogate: 2-Fluorobiphenyl		*50 %*	*50-150*		"	"	"	"	
Surrogate: Terphenyl-d14		*63 %*	*50-150*		"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0858
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:42

Total Metals by EPA 6020 ICPMS - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5G05011 - EPA 3050B / EPA 6020										
Blank (5G05011-BLK1)				Prepared: 06/27/05 Analyzed: 07/05/05						
Aluminum	ND	2.0	ug/Wipe							
Laboratory Control Sample (5G05011-BS1)				Prepared: 06/27/05 Analyzed: 07/05/05						
Aluminum	51.9	2.0	ug/Wipe	50.0		104	80-120			
Laboratory Control Sample (5G05011-BS2)				Prepared: 06/27/05 Analyzed: 07/05/05						
Aluminum	50.9	2.0	ug/Wipe	50.0		102	80-120			

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0858
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:42

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5F27021 - EPA 3050B / EPA 6010B										
Blank (5F27021-BLK1)				Prepared: 06/27/05 Analyzed: 06/28/05						
Magnesium	ND	2.5	ug/Wipe							
Calcium	ND	12	"							
Iron	ND	5.0	"							
Potassium	ND	100	"							
Laboratory Control Sample (5F27021-BS1)				Prepared: 06/27/05 Analyzed: 06/28/05						
Magnesium	500	2.5	ug/Wipe	500		100	85-115			
Calcium	517	12	"	500		103	85-115			
Iron	51.8	5.0	"	50.0		104	85-115			
Potassium	519	100	"	500		104	70-125			
Laboratory Control Sample (5F27021-BS2)				Prepared: 06/27/05 Analyzed: 06/28/05						
Magnesium	487	2.5	ug/Wipe	500		97	85-115			
Calcium	510	12	"	500		102	85-115			
Iron	51.1	5.0	"	50.0		102	85-115			
Potassium	512	100	"	500		102	70-125			
Batch 5G05011 - EPA 3050B / EPA 6020										
Blank (5G05011-BLK1)				Prepared: 06/27/05 Analyzed: 07/05/05						
Antimony	ND	1.0	ug/Wipe							
Arsenic	ND	1.0	"							
Barium	ND	5.0	"							
Beryllium	ND	0.20	"							
Cadmium	ND	0.60	"							
Chromium	ND	10	"							
Cobalt	ND	2.0	"							
Copper	ND	5.0	"							
Lead	ND	5.0	"							
Molybdenum	ND	2.0	"							
Nickel	ND	8.0	"							
Selenium	1.40	1.0	"							QB02
Silver	ND	1.0	"							
Thallium	ND	1.0	"							
Vanadium	ND	2.0	"							
Zinc	ND	10	"							

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700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:42

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5G05011 - EPA 3050B / EPA 6020										
Laboratory Control Sample (5G05011-BS1)				Prepared: 06/27/05 Analyzed: 07/05/05						
Antimony	48.9	1.0	ug/Wipe	50.0		98	80-120			
Arsenic	48.0	1.0	"	50.0		96	80-120			
Barium	47.8	5.0	"	50.0		96	80-120			
Beryllium	50.1	0.20	"	50.0		100	80-120			
Cadmium	47.2	0.60	"	50.0		94	80-120			
Chromium	50.9	10	"	50.0		102	80-120			
Cobalt	49.8	2.0	"	50.0		100	80-120			
Copper	50.5	5.0	"	50.0		101	80-120			
Lead	50.2	5.0	"	50.0		100	80-120			
Molybdenum	48.7	2.0	"	50.0		97	80-120			
Nickel	49.4	8.0	"	50.0		99	80-120			
Selenium	45.9	1.0	"	50.0		92	80-120			
Silver	49.5	1.0	"	50.0		99	80-120			
Thallium	49.9	1.0	"	50.0		100	80-120			
Vanadium	47.5	2.0	"	50.0		95	80-120			
Zinc	51.3	10	"	50.0		103	80-120			
Laboratory Control Sample (5G05011-BS2)				Prepared: 06/27/05 Analyzed: 07/05/05						
Antimony	48.8	1.0	ug/Wipe	50.0		98	80-120			
Arsenic	47.7	1.0	"	50.0		95	80-120			
Barium	47.5	5.0	"	50.0		95	80-120			
Beryllium	48.7	0.20	"	50.0		97	80-120			
Cadmium	47.0	0.60	"	50.0		94	80-120			
Chromium	50.2	10	"	50.0		100	80-120			
Cobalt	50.2	2.0	"	50.0		100	80-120			
Copper	50.6	5.0	"	50.0		101	80-120			
Lead	50.1	5.0	"	50.0		100	80-120			
Molybdenum	48.1	2.0	"	50.0		96	80-120			
Nickel	49.4	8.0	"	50.0		99	80-120			
Selenium	45.3	1.0	"	50.0		91	80-120			
Silver	49.3	1.0	"	50.0		99	80-120			
Thallium	50.1	1.0	"	50.0		100	80-120			
Vanadium	46.9	2.0	"	50.0		94	80-120			
Zinc	51.3	10	"	50.0		103	80-120			

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Dept. of Toxic Substances Contol-Berkeley	Project: OEHHA Playground Study	MOF0858
700 Heinz Avenue, Suite 100	Project Number: -	**Reported:**
Berkeley CA, 94710	Project Manager: Myrto Petreas	08/04/05 16:42

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5F27009 - EPA 7471A / EPA 7471A										
Blank (5F27009-BLK1)				Prepared & Analyzed: 06/27/05						
Mercury	ND	0.0050	ug/Wipe							
Laboratory Control Sample (5F27009-BS1)				Prepared & Analyzed: 06/27/05						
Mercury	0.391	0.0050	ug/Wipe	0.400		98	75-125			
Laboratory Control Sample (5F27009-BS2)				Prepared & Analyzed: 06/27/05						
Mercury	0.407	0.0050	ug/Wipe	0.400		102	75-125			

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0858
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:42

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5F27024 - EPA 3550 Wipe / EPA 8270C										
Blank (5F27024-BLK1)				Prepared: 06/27/05 Analyzed: 06/28/05						
Acenaphthene	ND	5.0	ug/Wipe							
Acenaphthylene	ND	5.0	"							
Anthracene	ND	5.0	"							
Benzo (a) anthracene	ND	5.0	"							
Benzo (a) pyrene	ND	5.0	"							
Benzo (b) fluoranthene	ND	5.0	"							
Benzo (g,h,i) perylene	ND	10	"							
Benzo (k) fluoranthene	ND	5.0	"							
Benzoic acid	ND	10	"							
Benzyl alcohol	ND	10	"							
Bis(2-chloroethoxy)methane	ND	5.0	"							
Bis(2-chloroethyl)ether	ND	10	"							
Bis(2-chloroisopropyl)ether	ND	5.0	"							
Bis(2-ethylhexyl)phthalate	ND	10	"							
4-Bromophenyl phenyl ether	ND	5.0	"							
Butyl benzyl phthalate	ND	5.0	"							
4-Chloroaniline	ND	50	"							
2-Chloronaphthalene	ND	5.0	"							
4-Chloro-3-methylphenol	ND	5.0	"							
2-Chlorophenol	ND	5.0	"							
4-Chlorophenyl phenyl ether	ND	10	"							
Chrysene	ND	5.0	"							
Dibenz (a,h) anthracene	ND	5.0	"							
Dibenzofuran	ND	5.0	"							
Di-n-butyl phthalate	ND	5.0	"							
1,2-Dichlorobenzene	ND	10	"							
1,3-Dichlorobenzene	ND	10	"							
1,4-Dichlorobenzene	ND	10	"							
3,3´-Dichlorobenzidine	ND	50	"							
2,4-Dichlorophenol	ND	5.0	"							
Diethyl phthalate	ND	5.0	"							
2,4-Dimethylphenol	ND	10	"							
Dimethyl phthalate	ND	5.0	"							
4,6-Dinitro-2-methylphenol	ND	5.0	"							
2,4-Dinitrophenol	ND	10	"							
2,4-Dinitrotoluene	ND	5.0	"							

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0858
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:42

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5F27024 - EPA 3550 Wipe / EPA 8270C										
Blank (5F27024-BLK1)				Prepared: 06/27/05 Analyzed: 06/28/05						
2,6-Dinitrotoluene	ND	5.0	ug/Wipe							
Di-n-octyl phthalate	ND	10	"							
Fluoranthene	ND	5.0	"							
Fluorene	ND	5.0	"							
Hexachlorobenzene	ND	5.0	"							
Hexachlorobutadiene	ND	10	"							
Hexachlorocyclopentadiene	ND	10	"							
Hexachloroethane	ND	10	"							
Indeno (1,2,3-cd) pyrene	ND	10	"							
Isophorone	ND	5.0	"							
2-Methylnaphthalene	ND	5.0	"							
2-Methylphenol	ND	5.0	"							
4-Methylphenol	ND	5.0	"							
Naphthalene	ND	5.0	"							
2-Nitroaniline	ND	10	"							
3-Nitroaniline	ND	100	"							
4-Nitroaniline	ND	50	"							
Nitrobenzene	ND	5.0	"							
2-Nitrophenol	ND	5.0	"							
4-Nitrophenol	ND	10	"							
N-Nitrosodi-n-propylamine	ND	5.0	"							
N-Nitrosodiphenylamine	ND	10	"							
Pentachlorophenol	ND	10	"							
Phenanthrene	ND	5.0	"							
Phenol	ND	5.0	"							
Pyrene	ND	5.0	"							
1,2,4-Trichlorobenzene	ND	10	"							
2,4,5-Trichlorophenol	ND	5.0	"							
2,4,6-Trichlorophenol	ND	5.0	"							
Surrogate: 2-Fluorophenol	*78.8*		"	*100*		*79*	*25-121*			
Surrogate: Phenol-d6	*90.4*		"	*100*		*90*	*24-113*			
Surrogate: Nitrobenzene-d5	*42.0*		"	*50.0*		*84*	*23-120*			
Surrogate: 2-Fluorobiphenyl	*43.0*		"	*50.0*		*86*	*30-115*			
Surrogate: 2,4,6-Tribromophenol	*83.6*		"	*100*		*84*	*19-122*			
Surrogate: p-Terphenyl-d14	*41.7*		"	*50.0*		*83*	*18-137*			

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0858
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:42

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5F27024 - EPA 3550 Wipe / EPA 8270C										
Laboratory Control Sample (5F27024-BS1)				Prepared: 06/27/05 Analyzed: 06/28/05						
Acenaphthene	45.4	5.0	ug/Wipe	50.0		91	31-137			
Acenaphthylene	45.5	5.0	"	50.0		91	0-200			
Anthracene	48.0	5.0	"	50.0		96	0-200			
Benzo (a) anthracene	47.6	5.0	"	50.0		95	0-200			
Benzo (a) pyrene	47.5	5.0	"	50.0		95	0-200			
Benzo (b) fluoranthene	45.8	5.0	"	50.0		92	0-200			
Benzo (g,h,i) perylene	37.7	10	"	50.0		75	0-200			
Benzo (k) fluoranthene	44.7	5.0	"	50.0		89	0-200			
Benzyl alcohol	47.0	10	"	50.0		94	0-200			
Bis(2-chloroethoxy)methane	42.8	5.0	"	50.0		86	0-200			
Bis(2-chloroethyl)ether	31.2	10	"	50.0		62	0-200			
Bis(2-chloroisopropyl)ether	38.8	5.0	"	50.0		78	0-200			
Bis(2-ethylhexyl)phthalate	47.3	10	"	50.0		95	0-200			
4-Bromophenyl phenyl ether	45.0	5.0	"	50.0		90	0-200			
Butyl benzyl phthalate	46.2	5.0	"	50.0		92	0-200			
4-Chloroaniline	35.9	50	"	50.0		72	0-200			
2-Chloronaphthalene	42.3	5.0	"	50.0		85	0-200			
4-Chloro-3-methylphenol	47.2	5.0	"	50.0		94	26-103			
2-Chlorophenol	43.6	5.0	"	50.0		87	25-102			
4-Chlorophenyl phenyl ether	45.1	10	"	50.0		90	0-200			
Chrysene	44.6	5.0	"	50.0		89	0-200			
Dibenz (a,h) anthracene	50.5	5.0	"	50.0		101	0-200			
Dibenzofuran	43.7	5.0	"	50.0		87	0-200			
Di-n-butyl phthalate	50.9	5.0	"	50.0		102	0-200			
1,2-Dichlorobenzene	40.2	10	"	50.0		80	0-200			
1,3-Dichlorobenzene	40.6	10	"	50.0		81	0-200			
1,4-Dichlorobenzene	40.7	10	"	50.0		81	28-104			
2,4-Dichlorophenol	44.9	5.0	"	50.0		90	0-200			
Diethyl phthalate	47.4	5.0	"	50.0		95	0-200			
2,4-Dimethylphenol	39.5	10	"	50.0		79	0-200			
Dimethyl phthalate	45.0	5.0	"	50.0		90	0-200			
4,6-Dinitro-2-methylphenol	45.6	5.0	"	50.0		91	0-200			
2,4-Dinitrophenol	51.9	10	"	50.0		104	0-200			
2,4-Dinitrotoluene	48.7	5.0	"	50.0		97	28-89			QL06
2,6-Dinitrotoluene	48.2	5.0	"	50.0		96	0-200			
Di-n-octyl phthalate	47.0	10	"	50.0		94	0-200			

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0858
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:42

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5F27024 - EPA 3550 Wipe / EPA 8270C										
Laboratory Control Sample (5F27024-BS1)				Prepared: 06/27/05 Analyzed: 06/28/05						
Fluoranthene	54.6	5.0	ug/Wipe	50.0		109	0-200			
Fluorene	47.9	5.0	"	50.0		96	0-200			
Hexachlorobenzene	45.8	5.0	"	50.0		92	0-200			
Hexachlorobutadiene	41.4	10	"	50.0		83	0-200			
Hexachlorocyclopentadiene	45.4	10	"	50.0		91	0-200			
Hexachloroethane	39.7	10	"	50.0		79	0-200			
Indeno (1,2,3-cd) pyrene	48.8	10	"	50.0		98	0-200			
Isophorone	37.8	5.0	"	50.0		76	0-200			
2-Methylnaphthalene	45.3	5.0	"	50.0		91	0-200			
2-Methylphenol	44.4	5.0	"	50.0		89	0-200			
4-Methylphenol	51.1	5.0	"	25.0		204	0-200			QL06
Naphthalene	44.7	5.0	"	50.0		89	0-200			
2-Nitroaniline	45.3	10	"	50.0		91	0-200			
3-Nitroaniline	39.4	100	"	50.0		79	0-200			
4-Nitroaniline	46.4	50	"	50.0		93	0-200			
Nitrobenzene	42.0	5.0	"	50.0		84	0-200			
2-Nitrophenol	43.3	5.0	"	50.0		87	0-200			
4-Nitrophenol	50.0	10	"	50.0		100	11-114			
N-Nitrosodi-n-propylamine	46.4	5.0	"	50.0		93	41-126			
N-Nitrosodiphenylamine	54.2	10	"	50.0		108	0-200			
Pentachlorophenol	50.9	10	"	50.0		102	17-109			
Phenanthrene	48.3	5.0	"	50.0		97	0-200			
Phenol	45.0	5.0	"	50.0		90	26-90			
Pyrene	41.7	5.0	"	50.0		83	35-142			
1,2,4-Trichlorobenzene	42.4	10	"	50.0		85	38-107			
2,4,5-Trichlorophenol	44.8	5.0	"	50.0		90	0-200			
2,4,6-Trichlorophenol	44.8	5.0	"	50.0		90	0-200			
Surrogate: 2-Fluorophenol	*83.3*		"	*100*		*83*	*25-121*			
Surrogate: Phenol-d6	*88.2*		"	*100*		*88*	*24-113*			
Surrogate: Nitrobenzene-d5	*40.1*		"	*50.0*		*80*	*23-120*			
Surrogate: 2-Fluorobiphenyl	*42.2*		"	*50.0*		*84*	*30-115*			
Surrogate: 2,4,6-Tribromophenol	*92.9*		"	*100*		*93*	*19-122*			
Surrogate: p-Terphenyl-d14	*39.8*		"	*50.0*		*80*	*18-137*			

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0858
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:42

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5F27024 - EPA 3550 Wipe / EPA 8270C										
Laboratory Control Sample Dup (5F27024-BSD1)				Prepared: 06/27/05 Analyzed: 06/28/05						
Acenaphthene	45.5	5.0	ug/Wipe	50.0		91	31-137	0.2	40	
Acenaphthylene	45.3	5.0	"	50.0		91	0-200	0.4	200	
Anthracene	48.4	5.0	"	50.0		97	0-200	0.8	200	
Benzo (a) anthracene	47.5	5.0	"	50.0		95	0-200	0.2	200	
Benzo (a) pyrene	48.0	5.0	"	50.0		96	0-200	1	200	
Benzo (b) fluoranthene	46.9	5.0	"	50.0		94	0-200	2	200	
Benzo (g,h,i) perylene	37.1	10	"	50.0		74	0-200	2	200	
Benzo (k) fluoranthene	43.7	5.0	"	50.0		87	0-200	2	200	
Benzyl alcohol	46.9	10	"	50.0		94	0-200	0.2	200	
Bis(2-chloroethoxy)methane	42.7	5.0	"	50.0		85	0-200	0.2	200	
Bis(2-chloroethyl)ether	41.3	10	"	50.0		83	0-200	28	200	
Bis(2-chloroisopropyl)ether	39.5	5.0	"	50.0		79	0-200	2	200	
Bis(2-ethylhexyl)phthalate	46.2	10	"	50.0		92	0-200	2	200	
4-Bromophenyl phenyl ether	45.2	5.0	"	50.0		90	0-200	0.4	200	
Butyl benzyl phthalate	45.3	5.0	"	50.0		91	0-200	2	200	
4-Chloroaniline	33.1	50	"	50.0		66	0-200	8	200	
2-Chloronaphthalene	43.0	5.0	"	50.0		86	0-200	2	200	
4-Chloro-3-methylphenol	45.5	5.0	"	50.0		91	26-103	4	40	
2-Chlorophenol	43.0	5.0	"	50.0		86	25-102	1	40	
4-Chlorophenyl phenyl ether	45.4	10	"	50.0		91	0-200	0.7	200	
Chrysene	44.3	5.0	"	50.0		89	0-200	0.7	200	
Dibenz (a,h) anthracene	50.3	5.0	"	50.0		101	0-200	0.4	200	
Dibenzofuran	44.1	5.0	"	50.0		88	0-200	0.9	200	
Di-n-butyl phthalate	50.5	5.0	"	50.0		101	0-200	0.8	200	
1,2-Dichlorobenzene	40.7	10	"	50.0		81	0-200	1	200	
1,3-Dichlorobenzene	40.5	10	"	50.0		81	0-200	0.2	200	
1,4-Dichlorobenzene	41.4	10	"	50.0		83	28-104	2	40	
2,4-Dichlorophenol	44.5	5.0	"	50.0		89	0-200	0.9	200	
Diethyl phthalate	46.9	5.0	"	50.0		94	0-200	1	200	
2,4-Dimethylphenol	38.2	10	"	50.0		76	0-200	3	200	
Dimethyl phthalate	44.6	5.0	"	50.0		89	0-200	0.9	200	
4,6-Dinitro-2-methylphenol	43.5	5.0	"	50.0		87	0-200	5	200	
2,4-Dinitrophenol	48.3	10	"	50.0		97	0-200	7	200	
2,4-Dinitrotoluene	47.3	5.0	"	50.0		95	28-89	3	40	QL06
2,6-Dinitrotoluene	47.9	5.0	"	50.0		96	0-200	0.6	200	
Di-n-octyl phthalate	46.0	10	"	50.0		92	0-200	2	200	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0858
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:42

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5F27024 - EPA 3550 Wipe / EPA 8270C										
Laboratory Control Sample Dup (5F27024-BSD1)				Prepared: 06/27/05 Analyzed: 06/28/05						
Fluoranthene	53.2	5.0	ug/Wipe	50.0		106	0-200	3	200	
Fluorene	47.2	5.0	"	50.0		94	0-200	1	200	
Hexachlorobenzene	45.4	5.0	"	50.0		91	0-200	0.9	200	
Hexachlorobutadiene	42.0	10	"	50.0		84	0-200	1	200	
Hexachlorocyclopentadiene	44.1	10	"	50.0		88	0-200	3	200	
Hexachloroethane	39.3	10	"	50.0		79	0-200	1	200	
Indeno (1,2,3-cd) pyrene	48.4	10	"	50.0		97	0-200	0.8	200	
Isophorone	38.1	5.0	"	50.0		76	0-200	0.8	200	
2-Methylnaphthalene	45.2	5.0	"	50.0		90	0-200	0.2	200	
2-Methylphenol	43.8	5.0	"	50.0		88	0-200	1	200	
4-Methylphenol	49.4	5.0	"	25.0		198	0-200	3	200	
Naphthalene	45.4	5.0	"	50.0		91	0-200	2	200	
2-Nitroaniline	44.5	10	"	50.0		89	0-200	2	200	
3-Nitroaniline	37.4	100	"	50.0		75	0-200	5	200	
4-Nitroaniline	44.9	50	"	50.0		90	0-200	3	200	
Nitrobenzene	42.8	5.0	"	50.0		86	0-200	2	200	
2-Nitrophenol	43.5	5.0	"	50.0		87	0-200	0.5	200	
4-Nitrophenol	49.3	10	"	50.0		99	11-114	1	40	
N-Nitrosodi-n-propylamine	45.6	5.0	"	50.0		91	41-126	2	40	
N-Nitrosodiphenylamine	54.2	10	"	50.0		108	0-200	0	200	
Pentachlorophenol	46.4	10	"	50.0		93	17-109	9	40	
Phenanthrene	48.1	5.0	"	50.0		96	0-200	0.4	200	
Phenol	44.5	5.0	"	50.0		89	26-90	1	40	
Pyrene	40.7	5.0	"	50.0		81	35-142	2	40	
1,2,4-Trichlorobenzene	41.8	10	"	50.0		84	38-107	1	40	
2,4,5-Trichlorophenol	44.0	5.0	"	50.0		88	0-200	2	200	
2,4,6-Trichlorophenol	43.6	5.0	"	50.0		87	0-200	3	200	
Surrogate: 2-Fluorophenol	*83.8*		*"*	*100*		*84*	*25-121*			
Surrogate: Phenol-d6	*88.9*		*"*	*100*		*89*	*24-113*			
Surrogate: Nitrobenzene-d5	*41.3*		*"*	*50.0*		*83*	*23-120*			
Surrogate: 2-Fluorobiphenyl	*43.1*		*"*	*50.0*		*86*	*30-115*			
Surrogate: 2,4,6-Tribromophenol	*92.6*		*"*	*100*		*93*	*19-122*			
Surrogate: p-Terphenyl-d14	*39.8*		*"*	*50.0*		*80*	*18-137*			

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0858
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:42

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5060042 - EPA 3580A Waste Dil / GCMS-SIM										
Blank (5060042-BLK1)				Prepared: 06/30/05 Analyzed: 08/03/05						
Naphthalene	ND	66	ug/Wipe							
Acenaphthylene	ND	66	"							
Acenaphthene	ND	66	"							
Fluorene	ND	66	"							
Phenanthrene	ND	66	"							
Anthracene	ND	66	"							
Fluoranthene	ND	66	"							
Pyrene	ND	66	"							
Benzo (a) anthracene	ND	66	"							
Chrysene	ND	66	"							
Benzo (b+k) fluoranthene (total)	ND	130	"							
Benzo (b) fluoranthene	ND	66	"							
Benzo (k) fluoranthene	ND	66	"							
Benzo (a) pyrene	ND	66	"							
Indeno (1,2,3-cd) pyrene	ND	66	"							
Benzo (g,h,i) perylene	ND	66	"							
Dibenz (a,h) anthracene	ND	66	"							
Surrogate: Nitrobenzene-d5	*36.0*		*"*	*100*		*36*	*50-150*			*S02*
Surrogate: 2-Fluorobiphenyl	*34.6*		*"*	*100*		*35*	*50-150*			*S02*
Surrogate: Terphenyl-d14	*46.6*		*"*	*100*		*47*	*50-150*			*S02*

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0858
700 Heinz Avenue, Suite 100	Project Number:-	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:42

Notes and Definitions

S02	The surrogate recovery was below control limits.
QL06	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
QB02	The method blank contains this analyte at a concentration above the method reporting limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Environmental Protection Agency

HAZARDOUS MATERIALS SAMPLE ANALYSIS REQUEST

MOF0858

Department of Toxic Substances Control
Hazardous Materials Laboratories

1. Authorization Number

HML No. To

2. Page 1 of 2

3. REQUESTOR: VIDAIR/PETREAS 4. Phone (510) 540 -3003

5. ADDRESS (To Receive Results) 6. FAX ( ) -2305

700 HEINZ AVE SUITE 100
BERKELEY CA 94710

7. TAT Level: (check one) *1 2 3 4

* Unit Chief's Signature

8. DATE SAMPLED: 6/21/05

9. Codes (fill in all applicable codes)

10. ACTIVITY: ☐ SCD ☐ SRPD ☐ CIB ☐ SMB ☐ FPB ☐ SPPT ☐ Others

11. SAMPLING LOCATION

a. EPA ID No.

b. Site OEHHA PLAYGROUND STUDY

c. Address

Number Street City ZIP

a. Office
b. INDEX
c. PCA
d. MPC
e. SITE
f. County

12. SAMPLES:

a. ID	b. Collector's No.	c. HML No.	Sample d. Type	Container e. Type	f. Size	g. Field Information
A	A		POLYESTER WIPE WETTED	WITH WATER	IN 8 OZ	GLASS JAR
B	B		"	"	"	"
C	C		"	"	"	"
D	D		"	"	"	"
E	E		"	"	"	"
F	F		"	"	"	"

13. ANALYSIS REQUESTED: (X desired analysis and enter I.Ds from 12.a.)

	INORGANIC ANALYSIS	Sample(s) ID
	pH	
X	Metals Scan ~~(8010)~~ 6020	A,B,C
	Metal(s) Specific	
	WET	
	Cyanides	
X	Hg 7471 (others, write in)	D, E, F
	(others, write in)	

	TCLP Analysis (only if necessary)	(do TCLP regardless)
	Metals	
	Mercury	
	Volatiles	
	Semivolatiles	
	(others, write in)	

	ORGANIC ANALYSIS	Sample(s) ID
	CL-Pesticides (8081)	
	OP-Pesticides (8141)	
	PCBs (8082)	
	G R O (8015B)	
	D R O / Motor Oil / Both (circle one)	
	n-Hexane Extractables (1664)	
	Flash Point (1020)	
	VOCs including BTEX (8260)	
	VOCs - LO Level (5035)	
	VOCs - HI Level (5035)	
	SVOCs (8270)	
	PAHs (8270)	
	(others, write in)	

14. ANALYSIS OBJECTIVE: (check a box)
☐ Waste Characterization ☐ Treatment Standards
☐ Drinking H_2O Standards (applies to DW only) X Others (contact Lab supervisors first)

15. DETECTION LIMIT REQUIREMENTS: (specify if known and contact lab) AS LOW AS POSSIBLE

16. SUPPLEMENTAL REQUESTS

Initials
Date

17. LAB REMARKS:
POLYESTER WIPES WETTED WITH WATER IN GLASS CONTAINERS

18. CHAIN OF CUSTODY:

	Signature(s)	Name(s) / Title (s)	Inclusive Dates of Custody
a.		CHARLES VIDAIR	06 21 05 to 06 28 05
b.		Dinesh Chand	06 23 05 to 06 23 05
c.		MAURICE	6 23 05 1150
d.		ABIDOY	6 23 05 to 1638

DTSC 1116H (REV 6/00) Make Photocopies for your File NLY

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: DTSC
REC. BY (PRINT): JAY
WORKORDER: M070858

DATE REC'D AT LAB: 6/23/05
TIME REC'D AT LAB: 1630
DATE LOGGED IN: 6-25-05

For Regulatory Purposes?
DRINKING WATER YES / (NO)
WASTE WATER YES / (NO)

(For clients requiring preservation checks at receipt, document here ↓)

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s)	Present / Absent	01		A	8oz jar	—	—	Wipe	6/21/05	
	Intact / Broken*	02		B						
2. Chain-of-Custody	Present / Absent*	03		C						
3. Traffic Reports or Packing List:	Present / Absent	04		D						
		05		E						
4. Airbill:	Airbill / Sticker	06		F						
	Present / Absent	07		G						
5. Airbill #:		08		H						
6. Sample Labels:	Present / Absent	09		I						
7. Sample IDs:	Listed / Not Listed on Chain-of-Custody	10		J						
		11		K						
8. Sample Condition:	Intact / Broken* / Leaking*	12		L						
9. Does information on chain-of-custody, traffic reports and sample labels agree?	**Yes / No***									
10. Sample received within hold time?	Yes / No*									
11. Adequate sample volume received?	Yes / No*									
12. Proper Preservatives used?	Yes / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes)	Yes / No									
14. Temp Rec. at Lab: 12.8										
Is temp 4 +/-2°C?	Yes / (No)**									

(Acceptance range for samples requiring thermal pres.)

**Exception (if any): METALS / DFF ON ICE or Problem COC

6/23/05

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

Revision 6
Rev 5 (06/07/04)
7/13/04

Sequoia Analytical

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4 August, 2005

Myrto Petreas
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700 Heinz Avenue, Suite 100
Berkeley, CA 94710

RE: OEHHA Playground Study
Work Order: MOF0960

Enclosed are the results of analyses for samples received by the laboratory on 06/28/05 16:22. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Theresa Allen
Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

1885 Jarvis Drive
Morgan Hill, CA 95037
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FAX (408) 782-6308
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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0960
700 Heinz Avenue, Suite 100	Project Number:SAU5734	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:47

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
A	MOF0960-01	Wipe	06/27/05 00:00	06/28/05 16:22
B	MOF0960-02	Wipe	06/27/05 00:00	06/28/05 16:22
C	MOF0960-03	Wipe	06/27/05 00:00	06/28/05 16:22
D	MOF0960-04	Wipe	06/27/05 00:00	06/28/05 16:22
E	MOF0960-05	Wipe	06/27/05 00:00	06/28/05 16:22
F	MOF0960-06	Wipe	06/27/05 00:00	06/28/05 16:22
G	MOF0960-07	Wipe	06/27/05 00:00	06/28/05 16:22
H	MOF0960-08	Wipe	06/27/05 00:00	06/28/05 16:22
I	MOF0960-09	Wipe	06/27/05 00:00	06/28/05 16:22
J	MOF0960-10	Wipe	06/27/05 00:00	06/28/05 16:22
K	MOF0960-11	Wipe	06/27/05 00:00	06/28/05 16:22
L	MOF0960-12	Wipe	06/27/05 00:00	06/28/05 16:22

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700 Heinz Avenue, Suite 100	Project Number:SAU5734	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:47

Total Metals by EPA 6020 ICPMS

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
A (MOF0960-01) Wipe	**Sampled: 06/27/05 00:00**	**Received: 06/28/05 16:22**							
Aluminum	**46**	2.0	ug/Wipe	20	5G07010	07/06/05	07/07/05	EPA 6020	
B (MOF0960-02) Wipe	**Sampled: 06/27/05 00:00**	**Received: 06/28/05 16:22**							
Aluminum	**56**	2.0	ug/Wipe	20	5G07010	07/06/05	07/07/05	EPA 6020	
C (MOF0960-03) Wipe	**Sampled: 06/27/05 00:00**	**Received: 06/28/05 16:22**							
Aluminum	**840**	10	ug/Wipe	100	5G07010	07/06/05	07/07/05	EPA 6020	

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700 Heinz Avenue, Suite 100	Project Number:SAU5734	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:47

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
A (MOF0960-01) Wipe Sampled: 06/27/05 00:00 Received: 06/28/05 16:22									
Calcium	**1200**	12	ug/Wipe	1	5G06014	07/06/05	07/08/05	EPA 6010B	
Iron	**130**	5.0	"	"	"	"	"	"	
Potassium	ND	100	"	"	"	"	"	"	
Antimony	**96**	1.0	"	20	5G07010	"	07/07/05	EPA 6020	
Arsenic	ND	1.0	"	"	"	"	"	"	
Barium	**6.9**	5.0	"	"	"	"	"	"	
Beryllium	ND	0.20	"	"	"	"	"	"	
Cadmium	ND	0.60	"	"	"	"	"	"	
Chromium	ND	10	"	"	"	"	"	"	
Cobalt	ND	2.0	"	"	"	"	"	"	
Copper	ND	5.0	"	"	"	"	"	"	
Lead	ND	5.0	"	"	"	"	"	"	
Molybdenum	ND	2.0	"	"	"	"	"	"	
Nickel	ND	8.0	"	"	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	"	"	
Silver	ND	1.0	"	"	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	"	"	
Vanadium	ND	2.0	"	"	"	"	"	"	
Zinc	**45**	10	"	"	"	"	"	"	
Magnesium	**31**	2.5	"	1	5G06014	"	07/08/05	EPA 6010B	
B (MOF0960-02) Wipe Sampled: 06/27/05 00:00 Received: 06/28/05 16:22									
Calcium	**1700**	12	ug/Wipe	1	5G06014	07/06/05	07/08/05	EPA 6010B	
Iron	**130**	5.0	"	"	"	"	"	"	
Potassium	ND	100	"	"	"	"	"	"	
Antimony	**110**	1.0	"	20	5G07010	"	07/07/05	EPA 6020	
Arsenic	ND	1.0	"	"	"	"	"	"	
Barium	**9.8**	5.0	"	"	"	"	"	"	
Beryllium	ND	0.20	"	"	"	"	"	"	
Cadmium	ND	0.60	"	"	"	"	"	"	
Chromium	ND	10	"	"	"	"	"	"	
Cobalt	ND	2.0	"	"	"	"	"	"	
Copper	ND	5.0	"	"	"	"	"	"	
Lead	ND	5.0	"	"	"	"	"	"	
Molybdenum	ND	2.0	"	"	"	"	"	"	
Nickel	ND	8.0	"	"	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	"	"	
Silver	ND	1.0	"	"	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	"	"	
Vanadium	ND	2.0	"	"	"	"	"	"	

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700 Heinz Avenue, Suite 100	Project Number:SAU5734	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:47

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
B (MOF0960-02) Wipe Sampled: 06/27/05 00:00 Received: 06/28/05 16:22									
Zinc	**61**	10	ug/Wipe	20	5G07010	07/06/05	07/07/05	EPA 6020	
Magnesium	**40**	2.5	"	1	5G06014	"	07/08/05	EPA 6010B	
C (MOF0960-03) Wipe Sampled: 06/27/05 00:00 Received: 06/28/05 16:22									
Calcium	**1800**	12	ug/Wipe	1	5G06014	07/06/05	07/08/05	EPA 6010B	
Iron	**1300**	5.0	"	"	"	"	"	"	
Potassium	**110**	100	"	"	"	"	07/11/05	"	
Antimony	**140**	1.0	"	20	5G07010	"	07/07/05	EPA 6020	
Arsenic	ND	1.0	"	"	"	"	"	"	
Barium	**20**	5.0	"	"	"	"	"	"	
Beryllium	ND	0.20	"	"	"	"	"	"	
Cadmium	ND	0.60	"	"	"	"	"	"	
Chromium	ND	10	"	"	"	"	"	"	
Cobalt	ND	2.0	"	"	"	"	"	"	
Copper	ND	5.0	"	"	"	"	"	"	
Lead	ND	5.0	"	"	"	"	"	"	
Molybdenum	ND	2.0	"	"	"	"	"	"	
Nickel	ND	8.0	"	"	"	"	"	"	
Selenium	ND	1.0	"	"	"	"	"	"	
Silver	ND	1.0	"	"	"	"	"	"	
Thallium	ND	1.0	"	"	"	"	"	"	
Vanadium	ND	2.0	"	"	"	"	"	"	
Zinc	**56**	10	"	"	"	"	"	"	
Magnesium	**340**	2.5	"	1	5G06014	"	07/08/05	EPA 6010B	

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700 Heinz Avenue, Suite 100	Project Number:SAU5734	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:47

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
D (MOF0960-04) Wipe	**Sampled: 06/27/05 00:00**	**Received: 06/28/05 16:22**							
Mercury	ND	0.0050	ug/Wipe	1	5G13012	07/13/05	07/13/05	EPA 7471A	
E (MOF0960-05) Wipe	**Sampled: 06/27/05 00:00**	**Received: 06/28/05 16:22**							
Mercury	ND	0.0050	ug/Wipe	1	5G13012	07/13/05	07/13/05	EPA 7471A	
F (MOF0960-06) Wipe	**Sampled: 06/27/05 00:00**	**Received: 06/28/05 16:22**							
Mercury	**0.0068**	0.0050	ug/Wipe	1	5G13012	07/13/05	07/13/05	EPA 7471A	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0960
700 Heinz Avenue, Suite 100	Project Number:SAU5734	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:47

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G (MOF0960-07) Wipe Sampled: 06/27/05 00:00 Received: 06/28/05 16:22									
Acenaphthene	ND	5.0	ug/Wipe	1	5F29033	06/29/05	06/30/05	EPA 8270C	
Acenaphthylene	ND	5.0	"	"	"	"	"	"	
Anthracene	ND	5.0	"	"	"	"	"	"	
Benzo (a) anthracene	ND	5.0	"	"	"	"	"	"	
Benzo (a) pyrene	ND	5.0	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	5.0	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	10	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	5.0	"	"	"	"	"	"	
Benzoic acid	ND	10	"	"	"	"	"	"	
Benzyl alcohol	ND	10	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	5.0	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	10	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	5.0	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	10	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	5.0	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	5.0	"	"	"	"	"	"	
4-Chloroaniline	ND	50	"	"	"	"	"	"	
2-Chloronaphthalene	ND	5.0	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	5.0	"	"	"	"	"	"	
2-Chlorophenol	ND	5.0	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	10	"	"	"	"	"	"	
Chrysene	ND	5.0	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	5.0	"	"	"	"	"	"	
Dibenzofuran	ND	5.0	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	10	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	50	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	5.0	"	"	"	"	"	"	
Diethyl phthalate	ND	5.0	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	10	"	"	"	"	"	"	
Dimethyl phthalate	ND	5.0	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	5.0	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	5.0	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	5.0	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	10	"	"	"	"	"	"	
Fluoranthene	ND	5.0	"	"	"	"	"	"	
Fluorene	ND	5.0	"	"	"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0960
700 Heinz Avenue, Suite 100	Project Number:SAU5734	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:47

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G (MOF0960-07) Wipe Sampled: 06/27/05 00:00 Received: 06/28/05 16:22									
Hexachlorobenzene	ND	5.0	ug/Wipe	1	5F29033	06/29/05	06/30/05	EPA 8270C	
Hexachlorobutadiene	ND	10	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	"	"	"	"	"	"	
Hexachloroethane	ND	10	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	10	"	"	"	"	"	"	
Isophorone	ND	5.0	"	"	"	"	"	"	
2-Methylnaphthalene	ND	5.0	"	"	"	"	"	"	
2-Methylphenol	ND	5.0	"	"	"	"	"	"	
4-Methylphenol	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
2-Nitroaniline	ND	10	"	"	"	"	"	"	
3-Nitroaniline	ND	100	"	"	"	"	"	"	
4-Nitroaniline	ND	50	"	"	"	"	"	"	
Nitrobenzene	ND	5.0	"	"	"	"	"	"	
2-Nitrophenol	ND	5.0	"	"	"	"	"	"	
4-Nitrophenol	ND	10	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	5.0	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	10	"	"	"	"	"	"	
Pentachlorophenol	ND	10	"	"	"	"	"	"	
Phenanthrene	ND	5.0	"	"	"	"	"	"	
Phenol	ND	5.0	"	"	"	"	"	"	
Pyrene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	10	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	5.0	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	5.0	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*80 %*	*25-121*		"	"	"	"	
Surrogate: Phenol-d6		*93 %*	*24-113*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*82 %*	*23-120*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*86 %*	*30-115*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*95 %*	*19-122*		"	"	"	"	
Surrogate: p-Terphenyl-d14		*80 %*	*18-137*		"	"	"	"	

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700 Heinz Avenue, Suite 100	Project Number:SAU5734	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:47

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
H (MOF0960-08) Wipe Sampled: 06/27/05 00:00 Received: 06/28/05 16:22									
Acenaphthene	ND	5.0	ug/Wipe	1	5F29033	06/29/05	06/30/05	EPA 8270C	
Acenaphthylene	ND	5.0	"	"	"	"	"	"	
Anthracene	ND	5.0	"	"	"	"	"	"	
Benzo (a) anthracene	ND	5.0	"	"	"	"	"	"	
Benzo (a) pyrene	ND	5.0	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	5.0	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	10	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	5.0	"	"	"	"	"	"	
Benzoic acid	ND	10	"	"	"	"	"	"	
Benzyl alcohol	ND	10	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	5.0	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	10	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	5.0	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	10	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	5.0	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	5.0	"	"	"	"	"	"	
4-Chloroaniline	ND	50	"	"	"	"	"	"	
2-Chloronaphthalene	ND	5.0	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	5.0	"	"	"	"	"	"	
2-Chlorophenol	ND	5.0	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	10	"	"	"	"	"	"	
Chrysene	ND	5.0	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	5.0	"	"	"	"	"	"	
Dibenzofuran	ND	5.0	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	10	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	50	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	5.0	"	"	"	"	"	"	
Diethyl phthalate	ND	5.0	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	10	"	"	"	"	"	"	
Dimethyl phthalate	ND	5.0	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	5.0	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	5.0	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	5.0	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	10	"	"	"	"	"	"	
Fluoranthene	ND	5.0	"	"	"	"	"	"	
Fluorene	ND	5.0	"	"	"	"	"	"	

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700 Heinz Avenue, Suite 100	Project Number:SAU5734	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:47

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
H (MOF0960-08) Wipe Sampled: 06/27/05 00:00 Received: 06/28/05 16:22									
Hexachlorobenzene	ND	5.0	ug/Wipe	1	5F29033	06/29/05	06/30/05	EPA 8270C	
Hexachlorobutadiene	ND	10	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	"	"	"	"	"	"	
Hexachloroethane	ND	10	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	10	"	"	"	"	"	"	
Isophorone	ND	5.0	"	"	"	"	"	"	
2-Methylnaphthalene	ND	5.0	"	"	"	"	"	"	
2-Methylphenol	ND	5.0	"	"	"	"	"	"	
4-Methylphenol	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
2-Nitroaniline	ND	10	"	"	"	"	"	"	
3-Nitroaniline	ND	100	"	"	"	"	"	"	
4-Nitroaniline	ND	50	"	"	"	"	"	"	
Nitrobenzene	ND	5.0	"	"	"	"	"	"	
2-Nitrophenol	ND	5.0	"	"	"	"	"	"	
4-Nitrophenol	ND	10	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	5.0	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	10	"	"	"	"	"	"	
Pentachlorophenol	ND	10	"	"	"	"	"	"	
Phenanthrene	ND	5.0	"	"	"	"	"	"	
Phenol	ND	5.0	"	"	"	"	"	"	
Pyrene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	10	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	5.0	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	5.0	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*78 %*	*25-121*		"	"	"	"	
Surrogate: Phenol-d6		*88 %*	*24-113*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*80 %*	*23-120*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*85 %*	*30-115*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*89 %*	*19-122*		"	"	"	"	
Surrogate: p-Terphenyl-d14		*80 %*	*18-137*		"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0960
700 Heinz Avenue, Suite 100	Project Number:SAU5734	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:47

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
I (MOF0960-09) Wipe Sampled: 06/27/05 00:00 Received: 06/28/05 16:22									
Acenaphthene	ND	5.0	ug/Wipe	1	5F29033	06/29/05	06/30/05	EPA 8270C	
Acenaphthylene	ND	5.0	"	"	"	"	"	"	
Anthracene	ND	5.0	"	"	"	"	"	"	
Benzo (a) anthracene	ND	5.0	"	"	"	"	"	"	
Benzo (a) pyrene	ND	5.0	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	5.0	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	10	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	5.0	"	"	"	"	"	"	
Benzoic acid	ND	10	"	"	"	"	"	"	
Benzyl alcohol	ND	10	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	5.0	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	10	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	5.0	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	10	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	5.0	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	5.0	"	"	"	"	"	"	
4-Chloroaniline	ND	50	"	"	"	"	"	"	
2-Chloronaphthalene	ND	5.0	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	5.0	"	"	"	"	"	"	
2-Chlorophenol	ND	5.0	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	10	"	"	"	"	"	"	
Chrysene	ND	5.0	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	5.0	"	"	"	"	"	"	
Dibenzofuran	ND	5.0	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	5.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	10	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	10	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	50	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	5.0	"	"	"	"	"	"	
Diethyl phthalate	ND	5.0	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	10	"	"	"	"	"	"	
Dimethyl phthalate	ND	5.0	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	5.0	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	5.0	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	5.0	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	10	"	"	"	"	"	"	
Fluoranthene	ND	5.0	"	"	"	"	"	"	
Fluorene	ND	5.0	"	"	"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0960
700 Heinz Avenue, Suite 100	Project Number:SAU5734	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:47

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
I (MOF0960-09) Wipe Sampled: 06/27/05 00:00 Received: 06/28/05 16:22									
Hexachlorobenzene	ND	5.0	ug/Wipe	1	5F29033	06/29/05	06/30/05	EPA 8270C	
Hexachlorobutadiene	ND	10	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	"	"	"	"	"	"	
Hexachloroethane	ND	10	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	10	"	"	"	"	"	"	
Isophorone	ND	5.0	"	"	"	"	"	"	
2-Methylnaphthalene	ND	5.0	"	"	"	"	"	"	
2-Methylphenol	ND	5.0	"	"	"	"	"	"	
4-Methylphenol	ND	5.0	"	"	"	"	"	"	
Naphthalene	ND	5.0	"	"	"	"	"	"	
2-Nitroaniline	ND	10	"	"	"	"	"	"	
3-Nitroaniline	ND	100	"	"	"	"	"	"	
4-Nitroaniline	ND	50	"	"	"	"	"	"	
Nitrobenzene	ND	5.0	"	"	"	"	"	"	
2-Nitrophenol	ND	5.0	"	"	"	"	"	"	
4-Nitrophenol	ND	10	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	5.0	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	10	"	"	"	"	"	"	
Pentachlorophenol	ND	10	"	"	"	"	"	"	
Phenanthrene	ND	5.0	"	"	"	"	"	"	
Phenol	ND	5.0	"	"	"	"	"	"	
Pyrene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	10	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	5.0	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	5.0	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*72 %*	*25-121*		"	"	"	"	
Surrogate: Phenol-d6		*85 %*	*24-113*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*77 %*	*23-120*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*84 %*	*30-115*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*85 %*	*19-122*		"	"	"	"	
Surrogate: p-Terphenyl-d14		*77 %*	*18-137*		"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0960
700 Heinz Avenue, Suite 100	Project Number:SAU5734	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:47

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
J (MOF0960-10) Wipe Sampled: 06/27/05 00:00 Received: 06/28/05 16:22									
Naphthalene	ND	0.82	ug/Wipe	1	5070002	07/01/05	08/04/05	GCMS-SIM	
Acenaphthylene	ND	0.82	"	"	"	"	"	"	
Acenaphthene	ND	0.82	"	"	"	"	"	"	
Fluorene	ND	0.82	"	"	"	"	"	"	
Phenanthrene	**1.6**	0.82	"	"	"	"	"	"	
Anthracene	ND	0.82	"	"	"	"	"	"	
Fluoranthene	ND	0.82	"	"	"	"	"	"	
Pyrene	**4.3**	0.82	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.82	"	"	"	"	"	"	
Chrysene	ND	0.82	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	1.6	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.82	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.82	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.82	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.82	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.82	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.82	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5		*51 %*	*50-150*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*55 %*	*50-150*		"	"	"	"	
Surrogate: Terphenyl-d14		*69 %*	*50-150*		"	"	"	"	
K (MOF0960-11) Wipe Sampled: 06/27/05 00:00 Received: 06/28/05 16:22									
Naphthalene	ND	0.82	ug/Wipe	1	5070002	07/01/05	08/04/05	GCMS-SIM	
Acenaphthylene	ND	0.82	"	"	"	"	"	"	
Acenaphthene	ND	0.82	"	"	"	"	"	"	
Fluorene	ND	0.82	"	"	"	"	"	"	
Phenanthrene	**1.7**	0.82	"	"	"	"	"	"	
Anthracene	ND	0.82	"	"	"	"	"	"	
Fluoranthene	ND	0.82	"	"	"	"	"	"	
Pyrene	**4.7**	0.82	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.82	"	"	"	"	"	"	
Chrysene	ND	0.82	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	1.6	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.82	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.82	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.82	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.82	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.82	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.82	"	"	"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project: OEHHA Playground Study	MOF0960
700 Heinz Avenue, Suite 100	Project Number: SAU5734	**Reported:**
Berkeley CA, 94710	Project Manager: Myrto Petreas	08/04/05 16:47

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
K (MOF0960-11) Wipe Sampled: 06/27/05 00:00 Received: 06/28/05 16:22									
Surrogate: Nitrobenzene-d5		*43 %*	*50-150*		*5070002*	*07/01/05*	*08/04/05*	*GCMS-SIM*	*S02*
Surrogate: 2-Fluorobiphenyl		*46 %*	*50-150*		"	"	"	"	*S02*
Surrogate: Terphenyl-d14		*73 %*	*50-150*		"	"	"	"	
L (MOF0960-12) Wipe Sampled: 06/27/05 00:00 Received: 06/28/05 16:22									
Naphthalene	ND	0.82	ug/Wipe	1	5070002	07/01/05	08/04/05	GCMS-SIM	
Acenaphthylene	ND	0.82	"	"	"	"	"	"	
Acenaphthene	ND	0.82	"	"	"	"	"	"	
Fluorene	ND	0.82	"	"	"	"	"	"	
Phenanthrene	ND	0.82	"	"	"	"	"	"	
Anthracene	ND	0.82	"	"	"	"	"	"	
Fluoranthene	ND	0.82	"	"	"	"	"	"	
Pyrene	**1.8**	0.82	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.82	"	"	"	"	"	"	
Chrysene	ND	0.82	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	1.6	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.82	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.82	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.82	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.82	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.82	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.82	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5		*41 %*	*50-150*		"	"	"	"	*S02*
Surrogate: 2-Fluorobiphenyl		*47 %*	*50-150*		"	"	"	"	*S02*
Surrogate: Terphenyl-d14		*72 %*	*50-150*		"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0960
700 Heinz Avenue, Suite 100	Project Number:SAU5734	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:47

Total Metals by EPA 6020 ICPMS - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5G07010 - EPA 3050B / EPA 6020										
Blank (5G07010-BLK1)				Prepared: 07/06/05 Analyzed: 07/07/05						
Aluminum	ND	2.0	ug/Wipe							
Laboratory Control Sample (5G07010-BS1)				Prepared: 07/06/05 Analyzed: 07/07/05						
Aluminum	47.4	2.0	ug/Wipe	50.0		95	80-120			
Laboratory Control Sample (5G07010-BS2)				Prepared: 07/06/05 Analyzed: 07/07/05						
Aluminum	46.9	2.0	ug/Wipe	50.0		94	80-120			

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0960
700 Heinz Avenue, Suite 100	Project Number:SAU5734	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:47

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5G06014 - EPA 3050B / EPA 6010B										
Blank (5G06014-BLK1)				Prepared: 07/06/05 Analyzed: 07/08/05						
Magnesium	ND	2.5	ug/Wipe							
Calcium	ND	12	"							
Iron	ND	5.0	"							
Potassium	ND	100	"							
Laboratory Control Sample (5G06014-BS1)				Prepared: 07/06/05 Analyzed: 07/08/05						
Magnesium	528	2.5	ug/Wipe	500		106	85-115			
Calcium	538	12	"	500		108	85-115			
Potassium	586	100	"	500		117	70-125			
Iron	52.5	5.0	"	50.0		105	85-115			
Laboratory Control Sample (5G06014-BS2)				Prepared: 07/06/05 Analyzed: 07/08/05						
Magnesium	522	2.5	ug/Wipe	500		104	85-115			
Calcium	535	12	"	500		107	85-115			
Potassium	531	100	"	500		106	70-125			
Iron	52.0	5.0	"	50.0		104	85-115			
Batch 5G07010 - EPA 3050B / EPA 6020										
Blank (5G07010-BLK1)				Prepared: 07/06/05 Analyzed: 07/07/05						
Antimony	ND	1.0	ug/Wipe							
Arsenic	ND	1.0	"							
Barium	ND	5.0	"							
Beryllium	ND	0.20	"							
Cadmium	ND	0.60	"							
Chromium	ND	10	"							
Cobalt	ND	2.0	"							
Copper	ND	5.0	"							
Lead	ND	5.0	"							
Molybdenum	ND	2.0	"							
Nickel	ND	8.0	"							
Selenium	ND	1.0	"							
Silver	ND	1.0	"							
Thallium	ND	1.0	"							
Vanadium	ND	2.0	"							
Zinc	ND	10	"							

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0960
700 Heinz Avenue, Suite 100	Project Number:SAU5734	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:47

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5G07010 - EPA 3050B / EPA 6020										
Laboratory Control Sample (5G07010-BS1)				Prepared: 07/06/05 Analyzed: 07/07/05						
Antimony	48.4	1.0	ug/Wipe	50.0		97	80-120			
Arsenic	47.9	1.0	"	50.0		96	80-120			
Barium	47.6	5.0	"	50.0		95	80-120			
Beryllium	45.7	0.20	"	50.0		91	80-120			
Cadmium	48.3	0.60	"	50.0		97	80-120			
Chromium	52.1	10	"	50.0		104	80-120			
Cobalt	51.2	2.0	"	50.0		102	80-120			
Copper	51.5	5.0	"	50.0		103	80-120			
Lead	52.4	5.0	"	50.0		105	80-120			
Molybdenum	48.9	2.0	"	50.0		98	80-120			
Nickel	51.1	8.0	"	50.0		102	80-120			
Selenium	47.0	1.0	"	50.0		94	80-120			
Silver	49.5	1.0	"	50.0		99	80-120			
Thallium	52.4	1.0	"	50.0		105	80-120			
Vanadium	49.2	2.0	"	50.0		98	80-120			
Zinc	52.0	10	"	50.0		104	80-120			
Laboratory Control Sample (5G07010-BS2)				Prepared: 07/06/05 Analyzed: 07/07/05						
Antimony	48.3	1.0	ug/Wipe	50.0		97	80-120			
Arsenic	47.1	1.0	"	50.0		94	80-120			
Barium	46.1	5.0	"	50.0		92	80-120			
Beryllium	44.6	0.20	"	50.0		89	80-120			
Cadmium	48.1	0.60	"	50.0		96	80-120			
Chromium	51.6	10	"	50.0		103	80-120			
Cobalt	50.9	2.0	"	50.0		102	80-120			
Copper	50.7	5.0	"	50.0		101	80-120			
Lead	51.9	5.0	"	50.0		104	80-120			
Molybdenum	48.3	2.0	"	50.0		97	80-120			
Nickel	50.0	8.0	"	50.0		100	80-120			
Selenium	45.5	1.0	"	50.0		91	80-120			
Silver	49.8	1.0	"	50.0		100	80-120			
Thallium	51.6	1.0	"	50.0		103	80-120			
Vanadium	48.2	2.0	"	50.0		96	80-120			
Zinc	51.9	10	"	50.0		104	80-120			

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0960
700 Heinz Avenue, Suite 100	Project Number:SAU5734	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:47

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5G13012 - EPA 7471A / EPA 7471A										
Blank (5G13012-BLK1)				Prepared & Analyzed: 07/13/05						
Mercury	ND	0.0050	ug/Wipe							
Laboratory Control Sample (5G13012-BS1)				Prepared & Analyzed: 07/13/05						
Mercury	0.402	0.0050	ug/Wipe	0.400		100	75-125			
Laboratory Control Sample (5G13012-BS2)				Prepared & Analyzed: 07/13/05						
Mercury	0.400	0.0050	ug/Wipe	0.400		100	75-125			

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0960
700 Heinz Avenue, Suite 100	Project Number:SAU5734	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:47

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5F29033 - EPA 3550 Wipe / EPA 8270C										
Blank (5F29033-BLK1)				Prepared: 06/29/05 Analyzed: 06/30/05						
Acenaphthene	ND	5.0	ug/Wipe							
Acenaphthylene	ND	5.0	"							
Anthracene	ND	5.0	"							
Benzo (a) anthracene	ND	5.0	"							
Benzo (a) pyrene	ND	5.0	"							
Benzo (b) fluoranthene	ND	5.0	"							
Benzo (g,h,i) perylene	ND	10	"							
Benzo (k) fluoranthene	ND	5.0	"							
Benzoic acid	ND	10	"							
Benzyl alcohol	ND	10	"							
Bis(2-chloroethoxy)methane	ND	5.0	"							
Bis(2-chloroethyl)ether	ND	10	"							
Bis(2-chloroisopropyl)ether	ND	5.0	"							
Bis(2-ethylhexyl)phthalate	ND	10	"							
4-Bromophenyl phenyl ether	ND	5.0	"							
Butyl benzyl phthalate	ND	5.0	"							
4-Chloroaniline	ND	50	"							
2-Chloronaphthalene	ND	5.0	"							
4-Chloro-3-methylphenol	ND	5.0	"							
2-Chlorophenol	ND	5.0	"							
4-Chlorophenyl phenyl ether	ND	10	"							
Chrysene	ND	5.0	"							
Dibenz (a,h) anthracene	ND	5.0	"							
Dibenzofuran	ND	5.0	"							
Di-n-butyl phthalate	ND	5.0	"							
1,2-Dichlorobenzene	ND	10	"							
1,3-Dichlorobenzene	ND	10	"							
1,4-Dichlorobenzene	ND	10	"							
3,3´-Dichlorobenzidine	ND	50	"							
2,4-Dichlorophenol	ND	5.0	"							
Diethyl phthalate	ND	5.0	"							
2,4-Dimethylphenol	ND	10	"							
Dimethyl phthalate	ND	5.0	"							
4,6-Dinitro-2-methylphenol	ND	5.0	"							
2,4-Dinitrophenol	ND	10	"							
2,4-Dinitrotoluene	ND	5.0	"							

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0960
700 Heinz Avenue, Suite 100	Project Number:SAU5734	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:47

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5F29033 - EPA 3550 Wipe / EPA 8270C										
Blank (5F29033-BLK1)				Prepared: 06/29/05 Analyzed: 06/30/05						
2,6-Dinitrotoluene	ND	5.0	ug/Wipe							
Di-n-octyl phthalate	ND	10	"							
Fluoranthene	ND	5.0	"							
Fluorene	ND	5.0	"							
Hexachlorobenzene	ND	5.0	"							
Hexachlorobutadiene	ND	10	"							
Hexachlorocyclopentadiene	ND	10	"							
Hexachloroethane	ND	10	"							
Indeno (1,2,3-cd) pyrene	ND	10	"							
Isophorone	ND	5.0	"							
2-Methylnaphthalene	ND	5.0	"							
2-Methylphenol	ND	5.0	"							
4-Methylphenol	ND	5.0	"							
Naphthalene	ND	5.0	"							
2-Nitroaniline	ND	10	"							
3-Nitroaniline	ND	100	"							
4-Nitroaniline	ND	50	"							
Nitrobenzene	ND	5.0	"							
2-Nitrophenol	ND	5.0	"							
4-Nitrophenol	ND	10	"							
N-Nitrosodi-n-propylamine	ND	5.0	"							
N-Nitrosodiphenylamine	ND	10	"							
Pentachlorophenol	ND	10	"							
Phenanthrene	ND	5.0	"							
Phenol	ND	5.0	"							
Pyrene	ND	5.0	"							
1,2,4-Trichlorobenzene	ND	10	"							
2,4,5-Trichlorophenol	ND	5.0	"							
2,4,6-Trichlorophenol	ND	5.0	"							
Surrogate: 2-Fluorophenol	*85.7*		"	*100*		*86*	*25-121*			
Surrogate: Phenol-d6	*97.1*		"	*100*		*97*	*24-113*			
Surrogate: Nitrobenzene-d5	*45.6*		"	*50.0*		*91*	*23-120*			
Surrogate: 2-Fluorobiphenyl	*47.3*		"	*50.0*		*95*	*30-115*			
Surrogate: 2,4,6-Tribromophenol	*88.1*		"	*100*		*88*	*19-122*			
Surrogate: p-Terphenyl-d14	*44.6*		"	*50.0*		*89*	*18-137*			

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0960
700 Heinz Avenue, Suite 100	Project Number:SAU5734	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:47

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5F29033 - EPA 3550 Wipe / EPA 8270C										
Laboratory Control Sample (5F29033-BS1)				Prepared: 06/29/05 Analyzed: 06/30/05						
Acenaphthene	47.0	5.0	ug/Wipe	50.0		94	31-137			
Acenaphthylene	46.3	5.0	"	50.0		93	0-200			
Anthracene	48.4	5.0	"	50.0		97	0-200			
Benzo (a) anthracene	46.8	5.0	"	50.0		94	0-200			
Benzo (a) pyrene	48.5	5.0	"	50.0		97	0-200			
Benzo (b) fluoranthene	46.6	5.0	"	50.0		93	0-200			
Benzo (g,h,i) perylene	40.1	10	"	50.0		80	0-200			
Benzo (k) fluoranthene	46.2	5.0	"	50.0		92	0-200			
Benzyl alcohol	46.7	10	"	50.0		93	0-200			
Bis(2-chloroethoxy)methane	42.4	5.0	"	50.0		85	0-200			
Bis(2-chloroethyl)ether	39.3	10	"	50.0		79	0-200			
Bis(2-chloroisopropyl)ether	37.9	5.0	"	50.0		76	0-200			
Bis(2-ethylhexyl)phthalate	47.9	10	"	50.0		96	0-200			
4-Bromophenyl phenyl ether	44.7	5.0	"	50.0		89	0-200			
Butyl benzyl phthalate	46.4	5.0	"	50.0		93	0-200			
4-Chloroaniline	36.1	50	"	50.0		72	0-200			
2-Chloronaphthalene	43.4	5.0	"	50.0		87	0-200			
4-Chloro-3-methylphenol	45.8	5.0	"	50.0		92	26-103			
2-Chlorophenol	42.7	5.0	"	50.0		85	25-102			
4-Chlorophenyl phenyl ether	45.4	10	"	50.0		91	0-200			
Chrysene	48.9	5.0	"	50.0		98	0-200			
Dibenz (a,h) anthracene	40.5	5.0	"	50.0		81	0-200			
Dibenzofuran	46.0	5.0	"	50.0		92	0-200			
Di-n-butyl phthalate	50.3	5.0	"	50.0		101	0-200			
1,2-Dichlorobenzene	40.1	10	"	50.0		80	0-200			
1,3-Dichlorobenzene	39.7	10	"	50.0		79	0-200			
1,4-Dichlorobenzene	40.4	10	"	50.0		81	28-104			
2,4-Dichlorophenol	45.1	5.0	"	50.0		90	0-200			
Diethyl phthalate	47.3	5.0	"	50.0		95	0-200			
2,4-Dimethylphenol	36.0	10	"	50.0		72	0-200			
Dimethyl phthalate	44.4	5.0	"	50.0		89	0-200			
4,6-Dinitro-2-methylphenol	43.4	5.0	"	50.0		87	0-200			
2,4-Dinitrophenol	50.0	10	"	50.0		100	0-200			
2,4-Dinitrotoluene	46.4	5.0	"	50.0		93	28-89			
2,6-Dinitrotoluene	46.9	5.0	"	50.0		94	0-200			
Di-n-octyl phthalate	48.0	10	"	50.0		96	0-200			

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0960
700 Heinz Avenue, Suite 100	Project Number:SAU5734	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:47

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5F29033 - EPA 3550 Wipe / EPA 8270C										
Laboratory Control Sample (5F29033-BS1)				Prepared: 06/29/05 Analyzed: 06/30/05						
Fluoranthene	51.9	5.0	ug/Wipe	50.0		104	0-200			
Fluorene	49.2	5.0	"	50.0		98	0-200			
Hexachlorobenzene	45.1	5.0	"	50.0		90	0-200			
Hexachlorobutadiene	41.2	10	"	50.0		82	0-200			
Hexachlorocyclopentadiene	45.1	10	"	50.0		90	0-200			
Hexachloroethane	37.2	10	"	50.0		74	0-200			
Indeno (1,2,3-cd) pyrene	48.9	10	"	50.0		98	0-200			
Isophorone	38.1	5.0	"	50.0		76	0-200			
2-Methylnaphthalene	46.3	5.0	"	50.0		93	0-200			
2-Methylphenol	42.3	5.0	"	50.0		85	0-200			
4-Methylphenol	48.3	5.0	"	25.0		193	0-200			
Naphthalene	45.9	5.0	"	50.0		92	0-200			
2-Nitroaniline	42.8	10	"	50.0		86	0-200			
3-Nitroaniline	34.9	100	"	50.0		70	0-200			
4-Nitroaniline	39.8	50	"	50.0		80	0-200			
Nitrobenzene	41.8	5.0	"	50.0		84	0-200			
2-Nitrophenol	43.4	5.0	"	50.0		87	0-200			
4-Nitrophenol	44.7	10	"	50.0		89	11-114			
N-Nitrosodi-n-propylamine	44.1	5.0	"	50.0		88	41-126			
N-Nitrosodiphenylamine	54.1	10	"	50.0		108	0-200			
Pentachlorophenol	47.2	10	"	50.0		94	17-109			
Phenanthrene	48.9	5.0	"	50.0		98	0-200			
Phenol	45.8	5.0	"	50.0		92	26-90			QL01
Pyrene	43.4	5.0	"	50.0		87	35-142			
1,2,4-Trichlorobenzene	41.8	10	"	50.0		84	38-107			
2,4,5-Trichlorophenol	44.6	5.0	"	50.0		89	0-200			
2,4,6-Trichlorophenol	45.0	5.0	"	50.0		90	0-200			
Surrogate: 2-Fluorophenol	*87.8*		*"*	*100*		*88*	*25-121*			
Surrogate: Phenol-d6	*94.4*		*"*	*100*		*94*	*24-113*			
Surrogate: Nitrobenzene-d5	*43.5*		*"*	*50.0*		*87*	*23-120*			
Surrogate: 2-Fluorobiphenyl	*46.8*		*"*	*50.0*		*94*	*30-115*			
Surrogate: 2,4,6-Tribromophenol	*97.0*		*"*	*100*		*97*	*19-122*			
Surrogate: p-Terphenyl-d14	*45.4*		*"*	*50.0*		*91*	*18-137*			

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0960
700 Heinz Avenue, Suite 100	Project Number:SAU5734	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:47

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5F29033 - EPA 3550 Wipe / EPA 8270C										
Laboratory Control Sample Dup (5F29033-BSD1)				Prepared: 06/29/05 Analyzed: 06/30/05						
Acenaphthene	47.9	5.0	ug/Wipe	50.0		96	31-137	2	40	
Acenaphthylene	47.7	5.0	"	50.0		95	0-200	3	200	
Anthracene	49.3	5.0	"	50.0		99	0-200	2	200	
Benzo (a) anthracene	47.6	5.0	"	50.0		95	0-200	2	200	
Benzo (a) pyrene	48.9	5.0	"	50.0		98	0-200	0.8	200	
Benzo (b) fluoranthene	47.4	5.0	"	50.0		95	0-200	2	200	
Benzo (g,h,i) perylene	42.3	10	"	50.0		85	0-200	5	200	
Benzo (k) fluoranthene	45.8	5.0	"	50.0		92	0-200	0.9	200	
Benzyl alcohol	48.9	10	"	50.0		98	0-200	5	200	
Bis(2-chloroethoxy)methane	43.9	5.0	"	50.0		88	0-200	3	200	
Bis(2-chloroethyl)ether	41.7	10	"	50.0		83	0-200	6	200	
Bis(2-chloroisopropyl)ether	39.8	5.0	"	50.0		80	0-200	5	200	
Bis(2-ethylhexyl)phthalate	47.8	10	"	50.0		96	0-200	0.2	200	
4-Bromophenyl phenyl ether	46.7	5.0	"	50.0		93	0-200	4	200	
Butyl benzyl phthalate	46.7	5.0	"	50.0		93	0-200	0.6	200	
4-Chloroaniline	36.0	50	"	50.0		72	0-200	0.3	200	
2-Chloronaphthalene	45.0	5.0	"	50.0		90	0-200	4	200	
4-Chloro-3-methylphenol	46.9	5.0	"	50.0		94	26-103	2	40	
2-Chlorophenol	43.7	5.0	"	50.0		87	25-102	2	40	
4-Chlorophenyl phenyl ether	45.8	10	"	50.0		92	0-200	0.9	200	
Chrysene	48.8	5.0	"	50.0		98	0-200	0.2	200	
Dibenz (a,h) anthracene	41.7	5.0	"	50.0		83	0-200	3	200	
Dibenzofuran	46.6	5.0	"	50.0		93	0-200	1	200	
Di-n-butyl phthalate	49.7	5.0	"	50.0		99	0-200	1	200	
1,2-Dichlorobenzene	42.3	10	"	50.0		85	0-200	5	200	
1,3-Dichlorobenzene	42.1	10	"	50.0		84	0-200	6	200	
1,4-Dichlorobenzene	42.5	10	"	50.0		85	28-104	5	40	
2,4-Dichlorophenol	47.0	5.0	"	50.0		94	0-200	4	200	
Diethyl phthalate	47.3	5.0	"	50.0		95	0-200	0	200	
2,4-Dimethylphenol	34.8	10	"	50.0		70	0-200	3	200	
Dimethyl phthalate	44.9	5.0	"	50.0		90	0-200	1	200	
4,6-Dinitro-2-methylphenol	43.5	5.0	"	50.0		87	0-200	0.2	200	
2,4-Dinitrophenol	49.8	10	"	50.0		100	0-200	0.4	200	
2,4-Dinitrotoluene	46.0	5.0	"	50.0		92	28-89	0.9	40	QL01a
2,6-Dinitrotoluene	46.4	5.0	"	50.0		93	0-200	1	200	
Di-n-octyl phthalate	47.6	10	"	50.0		95	0-200	0.8	200	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0960
700 Heinz Avenue, Suite 100	Project Number:SAU5734	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:47

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5F29033 - EPA 3550 Wipe / EPA 8270C										
Laboratory Control Sample Dup (5F29033-BSD1)				Prepared: 06/29/05 Analyzed: 06/30/05						
Fluoranthene	51.3	5.0	ug/Wipe	50.0		103	0-200	1	200	
Fluorene	49.2	5.0	"	50.0		98	0-200	0	200	
Hexachlorobenzene	46.7	5.0	"	50.0		93	0-200	3	200	
Hexachlorobutadiene	44.0	10	"	50.0		88	0-200	7	200	
Hexachlorocyclopentadiene	46.5	10	"	50.0		93	0-200	3	200	
Hexachloroethane	40.2	10	"	50.0		80	0-200	8	200	
Indeno (1,2,3-cd) pyrene	50.8	10	"	50.0		102	0-200	4	200	
Isophorone	39.6	5.0	"	50.0		79	0-200	4	200	
2-Methylnaphthalene	47.4	5.0	"	50.0		95	0-200	2	200	
2-Methylphenol	43.8	5.0	"	50.0		88	0-200	3	200	
4-Methylphenol	50.8	5.0	"	25.0		203	0-200	5	200	QL01a
Naphthalene	47.1	5.0	"	50.0		94	0-200	3	200	
2-Nitroaniline	42.7	10	"	50.0		85	0-200	0.2	200	
3-Nitroaniline	35.1	100	"	50.0		70	0-200	0.6	200	
4-Nitroaniline	39.0	50	"	50.0		78	0-200	2	200	
Nitrobenzene	44.2	5.0	"	50.0		88	0-200	6	200	
2-Nitrophenol	45.2	5.0	"	50.0		90	0-200	4	200	
4-Nitrophenol	43.6	10	"	50.0		87	11-114	2	40	
N-Nitrosodi-n-propylamine	45.9	5.0	"	50.0		92	41-126	4	40	
N-Nitrosodiphenylamine	54.9	10	"	50.0		110	0-200	1	200	
Pentachlorophenol	47.4	10	"	50.0		95	17-109	0.4	40	
Phenanthrene	49.2	5.0	"	50.0		98	0-200	0.6	200	
Phenol	48.3	5.0	"	50.0		97	26-90	5	40	QL01b
Pyrene	44.1	5.0	"	50.0		88	35-142	2	40	
1,2,4-Trichlorobenzene	44.3	10	"	50.0		89	38-107	6	40	
2,4,5-Trichlorophenol	45.0	5.0	"	50.0		90	0-200	0.9	200	
2,4,6-Trichlorophenol	45.5	5.0	"	50.0		91	0-200	1	200	
Surrogate: 2-Fluorophenol	*90.6*		"	*100*		*91*	*25-121*			
Surrogate: Phenol-d6	*98.1*		"	*100*		*98*	*24-113*			
Surrogate: Nitrobenzene-d5	*45.0*		"	*50.0*		*90*	*23-120*			
Surrogate: 2-Fluorobiphenyl	*47.8*		"	*50.0*		*96*	*30-115*			
Surrogate: 2,4,6-Tribromophenol	*99.6*		"	*100*		*100*	*19-122*			
Surrogate: p-Terphenyl-d14	*45.6*		"	*50.0*		*91*	*18-137*			

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0960
700 Heinz Avenue, Suite 100	Project Number:SAU5734	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:47

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5070002 - EPA 3580A Waste Dil / GCMS-SIM										
Blank (5070002-BLK1)				Prepared: 07/01/05 Analyzed: 08/04/05						
Naphthalene	ND	0.82	ug/Wipe							
Acenaphthylene	ND	0.82	"							
Acenaphthene	ND	0.82	"							
Fluorene	ND	0.82	"							
Phenanthrene	ND	0.82	"							
Anthracene	ND	0.82	"							
Fluoranthene	ND	0.82	"							
Pyrene	ND	0.82	"							
Benzo (a) anthracene	ND	0.82	"							
Chrysene	ND	0.82	"							
Benzo (b+k) fluoranthene (total)	ND	1.6	"							
Benzo (b) fluoranthene	ND	0.82	"							
Benzo (k) fluoranthene	ND	0.82	"							
Benzo (a) pyrene	ND	0.82	"							
Indeno (1,2,3-cd) pyrene	ND	0.82	"							
Benzo (g,h,i) perylene	ND	0.82	"							
Dibenz (a,h) anthracene	ND	0.82	"							
Surrogate: Nitrobenzene-d5	*76.4*		*"*	*100*		*76*	*50-150*			
Surrogate: 2-Fluorobiphenyl	*70.8*		*"*	*100*		*71*	*50-150*			
Surrogate: Terphenyl-d14	*101*		*"*	*100*		*101*	*50-150*			

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOF0960
700 Heinz Avenue, Suite 100	Project Number:SAU5734	**Reported:**
Berkeley CA, 94710	Project Manager:Myrto Petreas	08/04/05 16:47

Notes and Definitions

S02	The surrogate recovery was below control limits.
QL01b	The LCS recovery was above the control limit by 7%.
QL01a	The LCS recovery was above the control limit by 3%.
QL01	The LCS recovery was above the control limit by 2%.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

...rnia
...a Environmental Protection Agency

MDF6960

Department of Toxic Substances Control
Hazardous Materials Laboratories

HAZARDOUS MATERIALS SAMPLE ANALYSIS REQUEST

1. Authorization Number: SA05734
HML No. / To:
2. Page 1 of 2

3. REQUESTOR: VIDAIR / PETREAS
4. Phone (510) 540-3003
5. ADDRESS (To Receive Results)
700 HEINZ AVE, SUITE 100
BERKELEY, CA 94710
6. FAX ( ) -2305

7. TAT Level: (check one)
☐ *1 ☐ 2 ☐ 3 ☐ 4
* Unit Chief's Signature

8. DATE SAMPLED: 6/27/05

9. Codes (fill in all applicable codes)
a. Office
b. INDEX
c. PCA
d. MPC
e. SITE
f. County

10. ACTIVITY: ☐ SCD ☐ SRPD ☐ CIB ☐ SMB ☐ FPB ☐ SPPT ☐ Others

11. SAMPLING LOCATION
a. EPA ID No.
b. Site: OEHHA TRACK STUDY
c. Address
Number Street City ZIP

12. SAMPLES:

	a. ID	b. Collector's No.	c. HML No.	Sample d. Type	Container e. Type	f. Size	g. Field Information
01	A	A	POLYESTER	WIPE	WETTED WITH WATER	IN 8 OZ GLASS JAR	
02	B	B				"	
03	C	C				"	
04	D	D				"	
05	E	E				"	
06	F	F				"	

13. ANALYSIS REQUESTED: (X desired analysis and enter I.Ds from 12.a.)

	INORGANIC ANALYSIS	Sample(s) ID
	pH	
X	Metals Scan ~~(6010)~~ 6020	A, B, C
	Metal(s) Specific	
	WET	
	Cyanides	
X	Hg 7471 (others, write in)	D, E, F
	(others, write in)	

	TCLP Analysis (only if necessary) ☐ (do TCLP regardless) ☐	
	Metals	
	Mercury	
	Volatiles	
	Semivolatiles	
	(others, write in)	

	ORGANIC ANALYSIS	Sample(s) ID
	CL-Pesticides (8081)	
	OP-Pesticides (8141)	
	PCBs (8082)	
	G R O (8015B)	
	D R O / Motor Oil / Both (circle one)	
	n-Hexane Extractables (1664)	
	Flash Point (1020)	
	VOCs Including BTEX (8260)	
	VOCs - LO Level (5035)	
	VOCs - HI Level (5035)	
	SVOCs (8270)	
	PAHs (8270)	
	(others, write in)	

14. ANALYSIS OBJECTIVE: (check a box)
☐ Waste Characterization
☐ Drinking H_2O Standards (applies to DW only)
☐ Treatment Standards
☒ Others (contact Lab supervisors first)

15. DETECTION LIMIT REQUIREMENTS: (specify if known and contact lab) AS LOW AS POSSIBLE

16. SUPPLEMENTAL REQUESTS
Initials
Date

17. LAB REMARKS:

18. CHAIN OF CUSTODY:

	Signature(s)	Name(s) / Title (s)	Inclusive Dates of Custody
a.	Charles Vidair	CHARLES VIDAIR	6 27 05 to 6 27 05
b.	M Petreas	M PETREAS	6 27 05 to 06 28 05
c.	D. Chand	D. Chand	06 28 05 to 06 28 05
d.	Fulcher	FULCHER	6 28 05 to

FILED
COC

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MOF0960

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Department of Toxic Substances Control
Hazardous Materials Laboratories

HAZARDOUS MATERIALS SAMPLE ANALYSIS REQUEST

1. Authorization Number: SAU5734

HML No. / To

2. Page 2 of 2

3. REQUESTOR: VIDAIR / PETREAS

4. Phone (510) 540 - 3003

5. ADDRESS (To Receive Results)
700 HEINZ AVE SUITE 100
BERKELEY, CA 94710

6. FAX ( ) -2305

7. TAT Level: (check one)
☐ *1 ☐ 2 ☐ 3 ☐ 4
* Unit Chief's Signature

8. DATE SAMPLED: 6/27/05

9. Codes (fill in all applicable codes)
a. Office
b. INDEX
c. PCA
d. MPC
e. SITE
f. County

10. ACTIVITY: ☐ SCD ☐ SRPD ☐ CIB ☐ SMB ☐ FPB ☐ SPPT ☐ Others

11. SAMPLING LOCATION

a. EPA ID No.

b. Site OEHHA TRACK STUDY

c. Address
Number Street City ZIP

12. SAMPLES:

	a. ID	b. Collector's No.	c. HML No.	Sample d. Type	Container e. Type	f. Size	g. Field Information
07	A	G	POLYESTER WIPE WETTED WITH WATER IN 8OZ JAR				
08	B	H				"	
09	C	I				"	
10	D	J	POLYESTER WIPE WETTED WITH ISOPROPYL ALCOHOL IN 8OZ JAR				
11	E	K				"	
12	F	L				"	

13. ANALYSIS REQUESTED: (X desired analysis and enter I.Ds from 12.a.)

INORGANIC ANALYSIS	Sample(s) ID
pH	
Metals Scan (6010)	
Metal(s) Specific	
WET	
Cyanides	
(others, write in)	
(others, write in)	

ORGANIC ANALYSIS	Sample(s) ID
CL-Pesticides (8081)	
OP-Pesticides (8141)	
PCBs (8082)	
G R O (8015B)	
D R O / Motor Oil / Both (circle one)	
n-Hexane Extractables (1664)	
Flash Point (1020)	
VOCs Including BTEX (8260)	
VOCs - LO Level (5035)	
VOCs - HI Level (5035)	
X SVOCs (8270)	G, H, I
X PAHs (8270) / SIM	J, K, L
(others, write in)	

TCLP Analysis ☐ (only if necessary) ☐ (do TCLP regardless)

Metals	
Mercury	
Volatiles	
Semivolatiles	
(others, write in)	

14. ANALYSIS OBJECTIVE: (check a box)
☐ Waste Characterization
☐ Drinking H_2O Standards (applies to DW only)
☐ Treatment Standards
☒ Others (contact Lab supervisors first)

15. DETECTION LIMIT REQUIREMENTS: (specify if known and contact lab) AS LOW AS POSSIBLE

16. SUPPLEMENTAL REQUESTS

Initials
Date

17. LAB REMARKS:

18. CHAIN OF CUSTODY:

	Signature(s)	Name(s) / Title (s)	Inclusive Dates of Custody	
a.	Charles Vidair	CHARLES VIDAIR	6 27 05	to 6 27 05
b.	M Petreas	M PETREAS	6 28 05	to 06 28 05
c.	Dipali Chand	D. Chand	06 28 05	to 06 28 05
d.	Gregory Fulcher	Gregory Fulcher	6 28 05	to
		J. Anderson	6/24	

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SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: MSE
REC. BY (PRINT): [illegible]
WORKORDER: M0P0960

DATE REC'D AT LAB: 6/28/05
TIME REC'D AT LAB: 1622
DATE LOGGED IN: 6-29-05

For Regulatory Purposes?
DRINKING WATER YES / NO
WASTE WATER YES / NO

(For clients requiring preservation checks at receipt, document here ⬇)

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / Absent; Intact / Broken*	01	L	A	5 gal	—	—	Wipe	6/28/05	
2. Chain-of-Custody Present / Absent*	02		B						
3. Traffic Reports or Packing List: Present / Absent	03		C						
4. Airbill: Airbill / Sticker Present / Absent	04		D						
5. Airbill #:	05		E						
6. Sample Labels: Present / Absent	06		F						
7. Sample IDs: Listed / Not Listed on Chain-of-Custody	07		G						
8. Sample Condition: Intact / Broken* / Leaking*	08		H						
	09		I						
	10		J						
	11		K						
	12		L						
9. Does information on chain-of-custody, traffic reports and sample labels agree? Yes / No*									
10. Sample received within hold time? Yes / No*									
11. Adequate sample volume received? Yes / No*									
12. Proper Preservatives used? Yes / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / No*									
14. Temp Rec. at Lab: 25.6°C Is temp 4 +/-2°C? Yes / No**									
(Acceptance range for samples requiring thermal pres.)									
*Exception (if any): METALS / DFF ON ICE									
or Problem COC									

6/28/05

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

Sequoia Analytical

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28 September, 2005

Jarnail Garcha
Dept. of Toxic Substances Contol-Berkeley
700 Heinz Avenue, Suite 100
Berkeley, CA 94710

RE: OEHHA Playground Study
Work Order: MOI0327

Enclosed are the results of analyses for samples received by the laboratory on 09/09/05 17:25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Theresa Allen
Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOI0327
700 Heinz Avenue, Suite 100	Project Number:SAV5795	**Reported:**
Berkeley CA, 94710	Project Manager:Jarnail Garcha	09/28/05 12:30

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
UC1	MOI0327-01	Wipe	09/06/05 00:00	09/09/05 17:25
UC2	MOI0327-02	Wipe	09/06/05 00:00	09/09/05 17:25
UC3	MOI0327-03	Wipe	09/06/05 00:00	09/09/05 17:25
EC1	MOI0327-04	Wipe	09/06/05 00:00	09/09/05 17:25
EC2	MOI0327-05	Wipe	09/06/05 00:00	09/09/05 17:25
EC3	MOI0327-06	Wipe	09/06/05 00:00	09/09/05 17:25
GR1	MOI0327-07	Wipe	09/06/05 00:00	09/09/05 17:25
GR2	MOI0327-08	Wipe	09/06/05 00:00	09/09/05 17:25
GR3	MOI0327-09	Wipe	09/06/05 00:00	09/09/05 17:25
SM1	MOI0327-10	Wipe	09/06/05 00:00	09/09/05 17:25
SM2	MOI0327-11	Wipe	09/06/05 00:00	09/09/05 17:25
SM3	MOI0327-12	Wipe	09/06/05 00:00	09/09/05 17:25

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOI0327
700 Heinz Avenue, Suite 100	Project Number:SAV5795	**Reported:**
Berkeley CA, 94710	Project Manager:Jarnail Garcha	09/28/05 12:30

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
UC1 (MOI0327-01) Wipe Sampled: 09/06/05 00:00 Received: 09/09/05 17:25									
Acenaphthene	ND	0.10	ug/Wipe	1	5I15023	09/15/05	09/27/05	GCMS-SIM	
Acenaphthylene	ND	0.10	"	"	"	"	"	"	
Anthracene	ND	0.10	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.10	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.10	"	"	"	"	"	"	
Benzo (b) fluoranthene	**0.14**	0.10	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.10	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.10	"	"	"	"	"	"	
Chrysene	**0.27**	0.10	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.10	"	"	"	"	"	"	
Fluoranthene	**0.27**	0.10	"	"	"	"	"	"	
Fluorene	ND	0.10	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.10	"	"	"	"	"	"	
Naphthalene	**0.11**	0.10	"	"	"	"	"	"	
Phenanthrene	**0.15**	0.10	"	"	"	"	"	"	
Pyrene	**0.41**	0.10	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5		*92 %*	*35-115*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*86 %*	*35-120*		"	"	"	"	
Surrogate: p-Terphenyl-d14		*99 %*	*40-130*		"	"	"	"	
UC2 (MOI0327-02) Wipe Sampled: 09/06/05 00:00 Received: 09/09/05 17:25									
Acenaphthene	ND	0.10	ug/Wipe	1	5I15023	09/15/05	09/27/05	GCMS-SIM	
Acenaphthylene	ND	0.10	"	"	"	"	"	"	
Anthracene	ND	0.10	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.10	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.10	"	"	"	"	"	"	
Benzo (b) fluoranthene	**0.11**	0.10	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.10	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.10	"	"	"	"	"	"	
Chrysene	**0.22**	0.10	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.10	"	"	"	"	"	"	
Fluoranthene	**0.23**	0.10	"	"	"	"	"	"	
Fluorene	ND	0.10	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.10	"	"	"	"	"	"	
Naphthalene	ND	0.10	"	"	"	"	"	"	
Phenanthrene	**0.12**	0.10	"	"	"	"	"	"	
Pyrene	**0.37**	0.10	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5		*73 %*	*35-115*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*70 %*	*35-120*		"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOI0327
700 Heinz Avenue, Suite 100	Project Number:SAV5795	**Reported:**
Berkeley CA, 94710	Project Manager:Jarnail Garcha	09/28/05 12:30

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
UC2 (MOI0327-02) Wipe Sampled: 09/06/05 00:00 Received: 09/09/05 17:25									
Surrogate: p-Terphenyl-d14		*78 %*	*40-130*		*5I15023*	*09/15/05*	*09/27/05*	*GCMS-SIM*	
UC3 (MOI0327-03) Wipe Sampled: 09/06/05 00:00 Received: 09/09/05 17:25									
Acenaphthene	ND	0.10	ug/Wipe	1	5I15023	09/15/05	09/27/05	GCMS-SIM	
Acenaphthylene	ND	0.10	"	"	"	"	"	"	
Anthracene	ND	0.10	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.10	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.10	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.10	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.10	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.10	"	"	"	"	"	"	
Chrysene	ND	0.10	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.10	"	"	"	"	"	"	
Fluoranthene	ND	0.10	"	"	"	"	"	"	
Fluorene	ND	0.10	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.10	"	"	"	"	"	"	
Naphthalene	ND	0.10	"	"	"	"	"	"	
Phenanthrene	ND	0.10	"	"	"	"	"	"	
Pyrene	**0.10**	0.10	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5		*87 %*	*35-115*		*"*	*"*	*"*	*"*	
Surrogate: 2-Fluorobiphenyl		*73 %*	*35-120*		*"*	*"*	*"*	*"*	
Surrogate: p-Terphenyl-d14		*96 %*	*40-130*		*"*	*"*	*"*	*"*	
EC1 (MOI0327-04) Wipe Sampled: 09/06/05 00:00 Received: 09/09/05 17:25									
Acenaphthene	ND	0.10	ug/Wipe	1	5I15023	09/15/05	09/27/05	GCMS-SIM	
Acenaphthylene	ND	0.10	"	"	"	"	"	"	
Anthracene	ND	0.10	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.10	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.10	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.10	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.10	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.10	"	"	"	"	"	"	
Chrysene	ND	0.10	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.10	"	"	"	"	"	"	
Fluoranthene	**0.14**	0.10	"	"	"	"	"	"	
Fluorene	ND	0.10	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.10	"	"	"	"	"	"	
Naphthalene	ND	0.10	"	"	"	"	"	"	
Phenanthrene	ND	0.10	"	"	"	"	"	"	
Pyrene	**0.27**	0.10	"	"	"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOI0327
700 Heinz Avenue, Suite 100	Project Number:SAV5795	**Reported:**
Berkeley CA, 94710	Project Manager:Jarnail Garcha	09/28/05 12:30

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EC1 (MOI0327-04) Wipe Sampled: 09/06/05 00:00 Received: 09/09/05 17:25									
Surrogate: Nitrobenzene-d5		*81 %*	*35-115*		*5I15023*	*09/15/05*	*09/27/05*	*GCMS-SIM*	
Surrogate: 2-Fluorobiphenyl		*75 %*	*35-120*		"	"	"	"	
Surrogate: p-Terphenyl-d14		*89 %*	*40-130*		"	"	"	"	
EC2 (MOI0327-05) Wipe Sampled: 09/06/05 00:00 Received: 09/09/05 17:25									
Acenaphthene	ND	0.10	ug/Wipe	1	5I15023	09/15/05	09/27/05	GCMS-SIM	
Acenaphthylene	ND	0.10	"	"	"	"	"	"	
Anthracene	ND	0.10	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.10	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.10	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.10	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.10	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.10	"	"	"	"	"	"	
Chrysene	ND	0.10	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.10	"	"	"	"	"	"	
Fluoranthene	**0.13**	0.10	"	"	"	"	"	"	
Fluorene	ND	0.10	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.10	"	"	"	"	"	"	
Naphthalene	ND	0.10	"	"	"	"	"	"	
Phenanthrene	ND	0.10	"	"	"	"	"	"	
Pyrene	**0.28**	0.10	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5		*72 %*	*35-115*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*71 %*	*35-120*		"	"	"	"	
Surrogate: p-Terphenyl-d14		*100 %*	*40-130*		"	"	"	"	

Sequoia Analytical

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOI0327
700 Heinz Avenue, Suite 100	Project Number:SAV5795	**Reported:**
Berkeley CA, 94710	Project Manager:Jarnail Garcha	09/28/05 12:30

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EC3 (MOI0327-06) Wipe Sampled: 09/06/05 00:00 Received: 09/09/05 17:25									
Acenaphthene	ND	0.10	ug/Wipe	1	5I15023	09/15/05	09/27/05	GCMS-SIM	
Acenaphthylene	ND	0.10	"	"	"	"	"	"	
Anthracene	ND	0.10	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.10	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.10	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.10	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.10	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.10	"	"	"	"	"	"	
Chrysene	ND	0.10	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.10	"	"	"	"	"	"	
Fluoranthene	ND	0.10	"	"	"	"	"	"	
Fluorene	ND	0.10	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.10	"	"	"	"	"	"	
Naphthalene	**0.11**	0.10	"	"	"	"	"	"	
Phenanthrene	ND	0.10	"	"	"	"	"	"	
Pyrene	ND	0.10	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5		*104 %*		*35-115*		"	"	"	
Surrogate: 2-Fluorobiphenyl		*84 %*		*35-120*		"	"	"	
Surrogate: p-Terphenyl-d14		*93 %*		*40-130*		"	"	"	
GR1 (MOI0327-07) Wipe Sampled: 09/06/05 00:00 Received: 09/09/05 17:25									
Acenaphthene	ND	0.10	ug/Wipe	1	5I15023	09/15/05	09/27/05	GCMS-SIM	
Acenaphthylene	ND	0.10	"	"	"	"	"	"	
Anthracene	ND	0.10	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.10	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.10	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.10	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.10	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.10	"	"	"	"	"	"	
Chrysene	ND	0.10	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.10	"	"	"	"	"	"	
Fluoranthene	**0.11**	0.10	"	"	"	"	"	"	
Fluorene	ND	0.10	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.10	"	"	"	"	"	"	
Naphthalene	**0.10**	0.10	"	"	"	"	"	"	
Phenanthrene	**0.30**	0.10	"	"	"	"	"	"	
Pyrene	**0.40**	0.10	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5		*95 %*		*35-115*		"	"	"	
Surrogate: 2-Fluorobiphenyl		*72 %*		*35-120*		"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOI0327
700 Heinz Avenue, Suite 100	Project Number:SAV5795	**Reported:**
Berkeley CA, 94710	Project Manager:Jarnail Garcha	09/28/05 12:30

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GR1 (MOI0327-07) Wipe Sampled: 09/06/05 00:00 Received: 09/09/05 17:25									
Surrogate: p-Terphenyl-d14		*95 %*	*40-130*		*5I15023*	*09/15/05*	*09/27/05*	*GCMS-SIM*	
GR2 (MOI0327-08) Wipe Sampled: 09/06/05 00:00 Received: 09/09/05 17:25									
Acenaphthene	ND	0.10	ug/Wipe	1	5I15023	09/15/05	09/27/05	GCMS-SIM	
Acenaphthylene	ND	0.10	"	"	"	"	"	"	
Anthracene	ND	0.10	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.10	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.10	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.10	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.10	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.10	"	"	"	"	"	"	
Chrysene	ND	0.10	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.10	"	"	"	"	"	"	
Fluoranthene	ND	0.10	"	"	"	"	"	"	
Fluorene	ND	0.10	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.10	"	"	"	"	"	"	
Naphthalene	**0.13**	0.10	"	"	"	"	"	"	
Phenanthrene	**0.19**	0.10	"	"	"	"	"	"	
Pyrene	**0.31**	0.10	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5		*114 %*	*35-115*		*"*	*"*	*"*	*"*	
Surrogate: 2-Fluorobiphenyl		*88 %*	*35-120*		*"*	*"*	*"*	*"*	
Surrogate: p-Terphenyl-d14		*97 %*	*40-130*		*"*	*"*	*"*	*"*	
GR3 (MOI0327-09) Wipe Sampled: 09/06/05 00:00 Received: 09/09/05 17:25									
Acenaphthene	ND	0.10	ug/Wipe	1	5I15023	09/15/05	09/27/05	GCMS-SIM	
Acenaphthylene	ND	0.10	"	"	"	"	"	"	
Anthracene	ND	0.10	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.10	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.10	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.10	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.10	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.10	"	"	"	"	"	"	
Chrysene	ND	0.10	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.10	"	"	"	"	"	"	
Fluoranthene	ND	0.10	"	"	"	"	"	"	
Fluorene	ND	0.10	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.10	"	"	"	"	"	"	
Naphthalene	**0.11**	0.10	"	"	"	"	"	"	
Phenanthrene	ND	0.10	"	"	"	"	"	"	
Pyrene	**0.11**	0.10	"	"	"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOI0327
700 Heinz Avenue, Suite 100	Project Number:SAV5795	**Reported:**
Berkeley CA, 94710	Project Manager:Jarnail Garcha	09/28/05 12:30

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
GR3 (MOI0327-09) Wipe Sampled: 09/06/05 00:00 Received: 09/09/05 17:25									
Surrogate: Nitrobenzene-d5		*110 %*	*35-115*		*5I15023*	*09/15/05*	*09/27/05*	*GCMS-SIM*	
Surrogate: 2-Fluorobiphenyl		*80 %*	*35-120*		"	"	"	"	
Surrogate: p-Terphenyl-d14		*93 %*	*40-130*		"	"	"	"	
SM1 (MOI0327-10) Wipe Sampled: 09/06/05 00:00 Received: 09/09/05 17:25									
Acenaphthene	ND	0.10	ug/Wipe	1	5I15023	09/15/05	09/27/05	GCMS-SIM	
Acenaphthylene	ND	0.10	"	"	"	"	"	"	
Anthracene	ND	0.10	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.10	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.10	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.10	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.10	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.10	"	"	"	"	"	"	
Chrysene	**0.34**	0.10	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.10	"	"	"	"	"	"	
Fluoranthene	**0.48**	0.10	"	"	"	"	"	"	
Fluorene	ND	0.10	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.10	"	"	"	"	"	"	
Naphthalene	**0.11**	0.10	"	"	"	"	"	"	
Phenanthrene	**1.2**	0.10	"	"	"	"	"	"	
Pyrene	**3.5**	0.10	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5		*100 %*	*35-115*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*82 %*	*35-120*		"	"	"	"	
Surrogate: p-Terphenyl-d14		*94 %*	*40-130*		"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOI0327
700 Heinz Avenue, Suite 100	Project Number:SAV5795	**Reported:**
Berkeley CA, 94710	Project Manager:Jarnail Garcha	09/28/05 12:30

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SM2 (MOI0327-11) Wipe Sampled: 09/06/05 00:00 Received: 09/09/05 17:25									
Acenaphthene	ND	0.10	ug/Wipe	1	5I15023	09/15/05	09/27/05	GCMS-SIM	
Acenaphthylene	ND	0.10	"	"	"	"	"	"	
Anthracene	ND	0.10	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.10	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.10	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.10	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.10	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.10	"	"	"	"	"	"	
Chrysene	**0.20**	0.10	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.10	"	"	"	"	"	"	
Fluoranthene	**0.37**	0.10	"	"	"	"	"	"	
Fluorene	ND	0.10	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.10	"	"	"	"	"	"	
Naphthalene	**0.12**	0.10	"	"	"	"	"	"	
Phenanthrene	**0.86**	0.10	"	"	"	"	"	"	
Pyrene	**2.7**	0.10	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5		*101 %*	*35-115*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*81 %*	*35-120*		"	"	"	"	
Surrogate: p-Terphenyl-d14		*95 %*	*40-130*		"	"	"	"	
SM3 (MOI0327-12) Wipe Sampled: 09/06/05 00:00 Received: 09/09/05 17:25									
Acenaphthene	ND	0.10	ug/Wipe	1	5I15023	09/15/05	09/27/05	GCMS-SIM	
Acenaphthylene	ND	0.10	"	"	"	"	"	"	
Anthracene	ND	0.10	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.10	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.10	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.10	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.10	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.10	"	"	"	"	"	"	
Chrysene	ND	0.10	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.10	"	"	"	"	"	"	
Fluoranthene	**0.11**	0.10	"	"	"	"	"	"	
Fluorene	**0.22**	0.10	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.10	"	"	"	"	"	"	
Naphthalene	**0.10**	0.10	"	"	"	"	"	"	
Phenanthrene	**0.15**	0.10	"	"	"	"	"	"	
Pyrene	**0.26**	0.10	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5		*92 %*	*35-115*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*73 %*	*35-120*		"	"	"	"	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOI0327
700 Heinz Avenue, Suite 100	Project Number:SAV5795	**Reported:**
Berkeley CA, 94710	Project Manager:Jarnail Garcha	09/28/05 12:30

Semivolatile Organic Compounds by EPA Method 8270C

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SM3 (MOI0327-12) Wipe Sampled: 09/06/05 00:00 Received: 09/09/05 17:25									
Surrogate: p-Terphenyl-d14		*95 %*	*40-130*		*5I15023*	*09/15/05*	*09/27/05*	*GCMS-SIM*	

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOI0327
700 Heinz Avenue, Suite 100	Project Number:SAV5795	**Reported:**
Berkeley CA, 94710	Project Manager:Jarnail Garcha	09/28/05 12:30

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5I15023 - EPA 3550 Wipe / GCMS-SIM										
Blank (5I15023-BLK1)				Prepared: 09/15/05 Analyzed: 09/27/05						
Acenaphthene	ND	0.10	ug/Wipe							
Acenaphthylene	ND	0.10	"							
Anthracene	ND	0.10	"							
Benzo (a) anthracene	ND	0.10	"							
Benzo (a) pyrene	ND	0.10	"							
Benzo (b) fluoranthene	ND	0.10	"							
Benzo (g,h,i) perylene	ND	0.10	"							
Benzo (k) fluoranthene	ND	0.10	"							
Chrysene	ND	0.10	"							
Dibenz (a,h) anthracene	ND	0.10	"							
Fluoranthene	ND	0.10	"							
Fluorene	ND	0.10	"							
Indeno (1,2,3-cd) pyrene	ND	0.10	"							
Naphthalene	ND	0.10	"							
Phenanthrene	ND	0.10	"							
Pyrene	ND	0.10	"							
Surrogate: Nitrobenzene-d5	*1.20*		*"*	*5.00*		*24*	*35-115*			*S02*
Surrogate: 2-Fluorobiphenyl	*1.60*		*"*	*5.00*		*32*	*35-120*			*S02*
Surrogate: p-Terphenyl-d14	*4.36*		*"*	*5.00*		*87*	*40-130*			
Laboratory Control Sample (5I15023-BS1)				Prepared: 09/15/05 Analyzed: 09/27/05						
Acenaphthene	8.51	0.10	ug/Wipe	10.0		85	65-110			
Acenaphthylene	9.61	0.10	"	10.0		96	30-145			
Anthracene	9.99	0.10	"	10.0		100	25-130			
Benzo (a) anthracene	10.9	0.10	"	10.0		109	30-140			
Benzo (a) pyrene	11.0	0.10	"	10.0		110	15-150			
Benzo (b) fluoranthene	11.0	0.10	"	10.0		110	25-150			
Benzo (g,h,i) perylene	9.75	0.10	"	10.0		98	10-150			
Benzo (k) fluoranthene	11.2	0.10	"	10.0		112	10-150			
Chrysene	10.6	0.10	"	10.0		106	15-150			
Dibenz (a,h) anthracene	11.5	0.10	"	10.0		115	10-150			
Fluoranthene	10.5	0.10	"	10.0		105	25-135			
Fluorene	9.31	0.10	"	10.0		93	60-120			
Indeno (1,2,3-cd) pyrene	11.0	0.10	"	10.0		110	10-150			
Naphthalene	5.52	0.10	"	10.0		55	20-130			
Phenanthrene	9.71	0.10	"	10.0		97	50-150			

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOI0327
700 Heinz Avenue, Suite 100	Project Number:SAV5795	**Reported:**
Berkeley CA, 94710	Project Manager:Jarnail Garcha	09/28/05 12:30

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5I15023 - EPA 3550 Wipe / GCMS-SIM										
Laboratory Control Sample (5I15023-BS1)				Prepared: 09/15/05 Analyzed: 09/27/05						
Pyrene	10.5	0.10	ug/Wipe	10.0		105	60-120			
Surrogate: Nitrobenzene-d5	*1.99*		"	*5.00*		*40*	*35-115*			
Surrogate: 2-Fluorobiphenyl	*2.75*		"	*5.00*		*55*	*35-120*			
Surrogate: p-Terphenyl-d14	*4.50*		"	*5.00*		*90*	*40-130*			
Laboratory Control Sample Dup (5I15023-BSD1)				Prepared: 09/15/05 Analyzed: 09/27/05						
Acenaphthene	9.14	0.10	ug/Wipe	10.0		91	65-110	7	20	
Acenaphthylene	10.5	0.10	"	10.0		105	30-145	9	20	
Anthracene	9.72	0.10	"	10.0		97	25-130	3	20	
Benzo (a) anthracene	9.76	0.10	"	10.0		98	30-140	11	20	
Benzo (a) pyrene	9.97	0.10	"	10.0		100	15-150	10	20	
Benzo (b) fluoranthene	10.2	0.10	"	10.0		102	25-150	8	20	
Benzo (g,h,i) perylene	7.73	0.10	"	10.0		77	10-150	23	20	QC21
Benzo (k) fluoranthene	10.3	0.10	"	10.0		103	10-150	8	20	
Chrysene	9.64	0.10	"	10.0		96	15-150	9	20	
Dibenz (a,h) anthracene	9.28	0.10	"	10.0		93	10-150	21	20	QC21
Fluoranthene	9.41	0.10	"	10.0		94	25-135	11	20	
Fluorene	9.66	0.10	"	10.0		97	60-120	4	20	
Indeno (1,2,3-cd) pyrene	8.88	0.10	"	10.0		89	10-150	21	20	QC21
Naphthalene	7.67	0.10	"	10.0		77	20-130	33	20	QC21
Phenanthrene	9.46	0.10	"	10.0		95	50-150	3	20	
Pyrene	9.60	0.10	"	10.0		96	60-120	9	20	
Surrogate: Nitrobenzene-d5	*0.456*		"	*5.00*		*9*	*35-115*			*S02*
Surrogate: 2-Fluorobiphenyl	*0.494*		"	*5.00*		*10*	*35-120*			*S02*
Surrogate: p-Terphenyl-d14	*4.02*		"	*5.00*		*80*	*40-130*			

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Dept. of Toxic Substances Contol-Berkeley	Project:OEHHA Playground Study	MOI0327
700 Heinz Avenue, Suite 100	Project Number:SAV5795	**Reported:**
Berkeley CA, 94710	Project Manager:Jarnail Garcha	09/28/05 12:30

Notes and Definitions

S02	The surrogate recovery was below control limits.
QC21	The RPD result exceeded the control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

...nmental Protection Agency

...ARDOUS MATERIALS
...IPLE ANALYSIS REQUEST

Department of Toxic Substances Control
Hazardous Materials Laboratories

1. Authorization Number: MOI 6327

HML No. To

2. Page 1 of 2

3. REQUESTOR: VIDAIR/PETREAS

4. Phone (510) 540-3003

5. ADDRESS (To Receive Results) 700 HEINZ AVE, SUITE 100 BERKELEY, CA 94710

6. FAX ( ) 2305

7. TAT Level: (check one) ☐ *1 ☐ 2 ☐ 3 ☐ 4

* Unit Chief's Signature

8. DATE SAMPLED: UC - 9/7 EC - 9/6

9. Codes (fill in all applicable codes)
a. Office
b. INDEX
c. PCA
d. MPC
e. SITE
f. County

10. ACTIVITY: ☐ SCD ☐ SRPD ☐ CIB ☐ SMB ☐ FPB ☐ SPPT ☐ Others

11. SAMPLING LOCATION

a. EPA ID No.

b. Site OEHHA PLAYGROUND STUDY

c. Address

Number Street City ZIP

12. SAMPLES:

a. ID	b. Collector's No.	c. HML No.	Sample d. Type	Container e. Type	Container f. Size	g. Field Information
A	UC1	POLYESTER WIPE WETTED WITH ISOPROPYL ALCOHOL IN GLASS JAR				
B	UC2		"			GLASS JAR
C	UC3		"			"
D	EC1		"			"
E	EC2		"			"
F	EC3		"			"

13. ANALYSIS REQUESTED: *(X desired analysis and enter I.Ds from 12.a.)*

INORGANIC ANALYSIS	Sample(s) ID
pH	
Metals Scan (6010)	
Metal(s) Specific	
WET	
Cyanides	
(others, write in)	
(others, write in)	

TCLP Analysis ☐ (only if necessary) ☐ (do TCLP regardless)

	Sample(s) ID
Metals	
Mercury	
Volatiles	
Semivolatiles	
(others, write in)	

	ORGANIC ANALYSIS	Sample(s) ID
	CL-Pesticides (8081)	
	OP-Pesticides (8141)	
	PCBs (8082)	
	G R O (8015B)	
	D R O / Motor Oil / Both *(circle one)*	
	n-Hexane Extractables (1664)	
	Flash Point (1020)	
	VOCs Including BTEX (8260)	
	VOCs - LO Level (5035)	
	VOCs - HI Level (5035)	
	SVOCs (8270)	
X	PAHs (8270) /SIM	ABCDEF
	(others, write in)	

FIELD

14. ANALYSIS OBJECTIVE: *(check a box)*
☐ Waste Characterization ☐ Treatment Standards
☐ Drinking H_2O Standards *(applies to DW only)* ☒ Others *(contact Lab supervisors first)*

15. DETECTION LIMIT REQUIREMENTS: *(specify if known and contact lab)* AS LOW AS POSSIBLE

16. SUPPLEMENTAL REQUESTS ☐ ☐ ☐ ☐ Initials ____ Date ____

17. LAB REMARKS: PLEASE ANALYZE ALL 12 SAMPLES AT SIMILAR REPORTING LEVELS

LAB

18. CHAIN OF CUSTODY:

	Signature(s)	Name(s) / Title (s)	Inclusive Dates of Custody
a.	Charles Vidair	CHARLES VIDAIR	9 6 05 to 9 7 05
b.	[signature]	TOM C	9 7 05 to 9 9 05
c.	[signature]	MAURICE	9 9 05 1330 - 1725
d.			to

dlandl

DOC ONLY

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...mental Protection Agency

...ARDOUS MATERIALS
...PLE ANALYSIS REQUEST

M01632?

Department of Toxic Substances Control
Hazardous Materials Laboratories

1. Authorization Number

HML No.
To

2. Page 2 of 2

3. REQUESTOR: VIDAIR / PETREAS
4. Phone (510) 540-3003
5. ADDRESS (To Receive Results)
6. FAX ( ) -2305
700 HEINZ AVE, SUITE 100
BERKELEY, CA 94710

7. TAT Level: (check one)
☐ *1 ☐ 2 ☐ 3 ☐ 4
* Unit Chief's Signature

8. DATE SAMPLED: ~~9/6/05~~ GR- 9/6 SM- 9/7

9. Codes (fill in all applicable codes)
a. Office
b. INDEX
c. PCA
d. MPC
e. SITE
f. County

10. ACTIVITY: ☐ SCD ☐ SRPD ☐ CIB ☐ SMB ☐ FPB ☐ SPPT ☐ Others

11. SAMPLING LOCATION
a. EPA ID No.
b. Site OEHHA PLAYGROUND STUDY
c. Address
Number Street City ZIP

12. SAMPLES:

a. ID	b. Collector's No.	c. HML No.	Sample d. Type	Container e. Type	f. Size	g. Field Information
A	GR1	POLYESTER	WIPE WETTED WITH ISOPROPYL ALCOHOL IN GLASS JAR			
B	GR2	"	"			"
C	GR3	"	"			"
D	SM1	"	"			"
E	SM2	"	"			"
F	SM3	"	"			"

13. ANALYSIS REQUESTED: (X desired analysis and enter I.Ds from 12.a.)

	INORGANIC ANALYSIS	Sample(s) ID
	pH	
	Metals Scan (6010)	
	Metal(s) Specific	
	WET	
	Cyanides	
	(others, write in)	
	(others, write in)	

TCLP Analysis ☐ (only if necessary) ☐ (do TCLP regardless)

	Metals	
	Mercury	
	Volatiles	
	Semivolatiles	
	(others, write in)	

	ORGANIC ANALYSIS	Sample(s) ID
	CL-Pesticides (8081)	
	OP-Pesticides (8141)	
	PCBs (8082)	
	G R O (8015B)	
	D R O / Motor Oil / Both (circle one)	
	n-Hexane Extractables (1664)	
	Flash Point (1020)	
	VOCs Including BTEX (8260)	
	VOCs - LO Level (5035)	
	VOCs - HI Level (5035)	
	SVOCs (8270)	
X	PAHs (8270) / SIM	A B C D E F
	(others, write in)	

14. ANALYSIS OBJECTIVE: (check a box)
☐ Waste Characterization
☐ Drinking H_2O Standards (applies to DW only)
☐ Treatment Standards
X Others (contact Lab supervisors first)

15. DETECTION LIMIT REQUIREMENTS: (specify if known and contact lab) AS LOW AS POSSIBLE

16. SUPPLEMENTAL REQUESTS

Initials
Date

17. LAB REMARKS:

18. CHAIN OF CUSTODY:

a. Charles Vidair (COM)	CHARLES VIDAIR (COM)	9/6/05	to 9/7/05
b. [signature]	[signature]	9/7/05	to 9/9/05
c. [signature]	MAURICE	9/9/05	1300 - 1725
			to

Signature(s) Name(s) / Title (s) Inclusive Dates of Custody

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SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: California Department of Pesticide Regulation
REC. BY (PRINT): Phue
WORKORDER: MOI0327

DATE REC'D AT LAB: 9/9/05
TIME REC'D AT LAB: 17:25
DATE LOGGED IN: 9-12-05

For Regulatory Purposes?
DRINKING WATER YES / NO
WASTE WATER YES / NO

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s)	Present / Absent	01	A	UC1	250ml Glass/AM	—	—	W	9/9/05	→ 9/6/05
	Intact / Broken*	02		UC2						
2. Chain-of-Custody	Present / Absent*	03		UC3						
3. Traffic Reports or Packing List:	Present / Absent	04		EC1						
		05		↓2						
4. Airbill:	Airbill / Sticker	06		↓3						
	Present / Absent	07		GR1						
5. Airbill #:		08		↓2						
6. Sample Labels:	Present / Absent	09		↓3						
7. Sample IDs:	Listed / Not Listed	10		SM1						
	on Chain-of-Custody	11		↓2						
8. Sample Condition:	Intact / Broken* / Leaking*	12		↓3						
9. Does information on chain-of-custody, traffic reports and sample labels agree?	Yes / No*									
10. Sample received within hold time?	Yes / No*									
11. Adequate sample volume received?	Yes / No*									
12. Proper preservatives used?	Yes / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes)	Yes / No*									
14. Read Temp:	5.9°C									
Corrected Temp:	↓									
Is corrected temp 4 +/-2°C?	Yes / No*									
(Acceptance range for samples requiring thermal pres.)										
Exception (if any): METALS / OFF ON ICE										
Problem COC										

9/9/05

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.